

3 1761 11557975 7





Indian and Northern
Affairs Canada


Affaires indiennes
et du Nord Canada

**Current and Recent Research
and Studies Relating to
Northern Social Concerns
Volume IV, Part 1
NSRD 81-1**

CAI
IA 59
- NO1

Northern Affairs Program





Digitized by the Internet Archive
in 2022 with funding from
University of Toronto

<https://archive.org/details/31761115579757>

1 2

**Current and Recent Research
and Studies Relating to
Northern Social Concerns
Volume IV, Part 1
NSRD 81-1**

Publications
CAI
IAS9
— NO 1

3

Northern Affairs Program

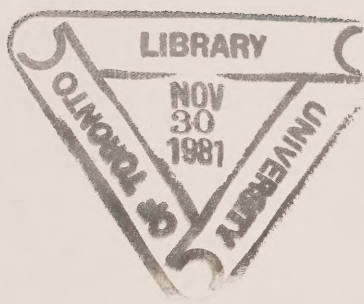


by Gertrude Rosenberg, Rachelle Castonguay
and Jeffrey Ross

This listing was prepared by the Research Information and Documentation Service of the Northern Research Division. Requests for copies of this listing should be addressed to, Research Information and Documentation Service, Northern Research Division, Department of Indian Affairs and Northern Development, Ottawa K1A 0H4.

© Published under the authority of the
Hon. John C. Munro, M.P., P.C.
Minister of Indian Affairs and
Northern Development,
Ottawa, 1981.
QS-8205-040-EE-A1
Catalogue No. R72-154/4-1F
ISBN 0662-91273-X

Cette publication peut aussi être obtenue en
français.



**CURRENT AND RECENT RESEARCH
AND STUDIES RELATING TO
NORTHERN SOCIAL CONCERNS**

**Information held in the
Northern Research Information and Documentation Service
Northern Affairs Program**

Volume IV - Part I

1980-81

TABLE OF CONTENTS

	<u>Page</u>
FOREWORD	i
SUBJECT HEADINGS	ii
CROSS REFERENCES	v
GEOGRAPHICAL INDEX.....	viii
LIST OF CURRENT AND RECENT RESEARCH AND STUDIES RELATING TO NORTHERN SOCIAL CONCERNS	1

FOREWORD

This volume, No. IV - Part 1 of CURRENT AND RECENT RESEARCH AND STUDIES RELATING TO NORTHERN SOCIAL CONCERNS, lists research projects undertaken during 1980-81. Those who have consulted previous volumes of this series will know that we are concerned here not with current publications but rather with information about research actually in work at the time we collected these data. We emphasize this fact for those consulting this listing for the first time.

This means, of course, that for the majority of these projects no report has yet been written. When such a report is produced, it is usually a typed, photocopied, unpublished manuscript, and we try to get a copy for our Documentation Centre, where it is available for all to consult. Anyone not able to come to our Centre should get in touch directly with the contact mentioned in each case.

Since we have been gathering together such reports for the past five years, we have a fairly extensive collection on hand, and we welcome all researchers and managers to make use of these in our Centre.

For those who have access to computer terminals, this information is available on line on CAN/OLE.

We are at present still collecting information on work done in 1980-81 and will publish this in Volume IV - Part 2. We welcome additional data from anyone who is at present engaged in research.

For further information please contact:-

Jeffrey Ross
Northern Research Division
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4

Telephone: (819) 997-9666

SUBJECT HEADINGS

Aboriginal Rights	Ethnography
Air Transportation	Falcons
Alcohol	Finance
Archeaology	Fisheries
Art	Flies
Bears	Food
Bibliography	Fur Trade
Bird Migration	Geese
Building	Government Policy
Caribou	Gulls
Cold	Harbour
Community Planning	Health
Conference	Highway Engineering
Co-operatives	History
Crustacea	Housing
Defence	Human Geography
Demography	Hunting
Dentistry	Ice
Development	Indian Administration
Ducks	Insects
Ecology	International Law
Economic Development	Inuit: Ethnography
Education	History
Energy	Kinship
Environment	Literature
	Missionary Activity
	Music
	Pregnancy

Inuit: (Cont'd)

Social Life
Sociology
Songs
Urban Setting
Youth Groups

James Bay Hydroelectric Project

Justice

Lakes

Land Use

Languages: Athapaskan

Beaver
Education
Inuit
Naskapi

Leadership

Local Government

Marine Biology

Marine Ecology

Maritime Law

Mining

Muskoxen

Native People: Administration

Demography
Economic Development
Education
Ethnography
Kinship
Non-native Attitudes
Political Philosophy
Reserves
R.C.M.P.
Self-administration
Social Survey
Urban Setting

Native Rights

Natural Resources

Nurses

Nutrition

Oil Spills

Parks

Permafrost

Physical Geography

Pipelines

Polar Bears

Political philosophy

Pollution

Public Hearings

Recreation

Reindeer

Renewable Energy

Resource Development

Revegetation

River

Seals

Shelters

Snow and Ice

Social Impact Assessment

Social Survey

Solar Heating

Telecommunications

Territorial Government

Toponymy

Tourism

Town Relocation

Transportation

Trapping

Travel

Tribal Courts

Vegetation

Wage Employment

Walrus

Water Distribution System

Water Management

Whales

Wildlife

Walrus

CROSS REFERENCES

Aboriginal Rights	see also	Native Rights
Arctic Sovereignty	see	Defence
Art	see also	Inuit
Caribou	see also	International Law, Wolves
Community Developmnt	see also	Economic Development, Housing, Native People
Co-operatives	see also	Economic Development, Housing, Native People
Courts	see	Justice
Demography	see	Environmental Impact Assessment, Native People
Development, Natural Resources	see also	Environmental Impact Assessment
Ecology	see also	Bibliography, Flies, Insects, Inuit, Trapping, Wildlife
Economic Development	see also	History, Local Government, Mining, Native People, Town Relocation, Water Management
Education	see also	Health, Isolated Communities, Language, Leadership, Native People, Nutrition, Telecom- munications
Employment, Wage	see	Social Impact Assessment
Fishing	see also	Co-operatives, Environmental Impact Assessment
Forest Fires	see	Wildlife
Government Policies	see also	Housing

Health	see also	Education, Nutrition, Telecommunications
History	see also	Inuit, Territorial Government
Housing	see also	Conferences, Native People
Hydroelectric Development	see also	Environmental Impact Assessment, Social Impact Assessment
Inuit	see also	Demography, Hunting, Language
Iron Ore	see	Economic Development, Mining
Isolated Communities	see	Education, Nurses, Renewable Energy, Telecommunications
James Bay Development	see also	Social Impact Assessment
Land Claims	see	Aboriginal Rights, Native Rights
Land Use	see also	Environmental Conservation, Government Policies, James Bay Hydroelectric Project
Literature	see	Inuit
Mining	see also	Environmental Impact Assessment, Revegetation, Social Impact Assessment, Transportation
Missionary Activity	see	Inuit
Music	see also	Inuit
Native People	see also	Education, Fishing, Fur Trade, Health, History, Housing, Resource Development, Social Impact Assessment, Toponymy, Wage Employment

Natural Resources	see	Land Use, Parks
Nutrition	see also	Education, Health
Oil Pollution	see also	Polar Bears
Parks	see also	Natural Resources
Permafrost Disturbance	see	Environmental Impact Assessment
Pipelines	see	Social Impact Assessment
Political Philosophy	see	Native People
Pollution	see	Oil Spills, Vegetation
Resource Management	see also	Co-operatives, Ice, Native Rights
Reserves	see	Native People
R.C.M.P.	see	Native People
Satellites	see	Telecommunications
Schools	see	Education
Seals	see	Bears, Ecology
Transportation	see	Maritime Law, Resource Development
Treaties	see	Native People
Whales	see also	Archaeology, Hunting
Wildlife	see also	Individual Species: Ducks, Geese, etc.; Hunting, Land Use, Native People, Parks

GEOGRAPHICAL INDEX

ALBERTA, NORTHERN

Education	Card No. 1663
Fisheries Research	Card No. 1433
Solar Heating	Card No. 1650
Telecommunications	Card No. 1602

ARCTIC ARCHIPELAGO

Bibliography	Card No. 1653
Caribou	Card No. 1443
Caribou	Card No. 1444
Parks	Card No. 1605

ARCTIC BAY, N.W.T.

Inuit	Card No. 1456
-------	---------------

ARCTIC, EASTERN

Building Construction	Card No. 1647
Fisheries Research	Card No. 1640
History	Card No. 1570
Inuit	Card No. 1646
Language	Card No. 1463
Language	Card No. 1464
Parks	Card No. 1603
Walrus	Card No. 1641

ARCTIC, WESTERN

Parks	Card No. 1606
-------	---------------

AXEL HEIBERG ISLAND, N.W.T.

Natural Resources	Card No. 1459
-------------------	---------------

BAFFIN ISLAND, N.W.T.

Food	Card No. 1568
Inuit	Card No. 1415
Inuit	Card No. 1454
Native People	Card No. 1559
Oil Spills	Card No. 1512
Social Impact Assessment	Card No. 1569
Social Impact Assessment	Card No. 1582
Whales	Card No. 1553

BAILEY POINT, N.W.T.

Muskoxen	Card No. 1501
----------	---------------

BAKER LAKE, N.W.T.

Health	Card No. 1644
--------	---------------

BANKS ISLAND, N.W.T.

Archeaology	Card No. 1425
Archaeology	Card No. 1584

BATHURST ISLAND, N.W.T.

Caribou	Card No. 1684
Ecology	Card No. 1506
Gulls	Card No. 1691
Muskoxen	Card No. 1679

BEAUFORT SEA

Whales	Card No. 1634
--------	---------------

BRITISH COLUMBIA, NORTHERN

Co-operatives	Card No. 1517
Environmental Impact	
Assessment	Card No. 1700
Language	Card No. 1571
Native People	Card No. 1492
Telecommunications	Card No. 1599
Television	Card No. 1493

CANADA

Birds	Card No. 1507
Energy Resources	Card No. 1442
Health	Card No. 1521
Housing	Card No. 1482
Housing	Card No. 1484
Housing	Card No. 1485
Housing	Card No. 1488
Housing	Card No. 1490
Indian Administration	Card No. 1460
Inuit	Card No. 1682
Justice	Card No. 1441

CANADA (Cont'd)

Local Government	Card No. 1657
Native People	Card No. 1620
Native People	Card No. 1658
Native People	Card No. 1659
Native People	Card No. 1701
Native People	Card No. 1702
Native People	Card No. 1703
Native Rights	Card No. 1652
Renewable Energy	Card No. 1472
Tribal Courts	Card No. 1434

CAPE BATHURST, N.W.T.

Whales	Card No. 1624
--------	---------------

CAPE DORSET, N.W.T.

Art	Card No. 1451
-----	---------------

CAPE HATT, N.W.T.

Polar Bears	Card No. 1556
-------------	---------------

CAPE PERRY, N.W.T.

Whales	Card No. 1625
--------	---------------

CHESTERFIELD INLET, N.W.T.

Pollution	Card No. 1639
-----------	---------------

COPPERMINE, N.W.T.

Fisheries Research	Card No. 1643
Inuit	Card No. 1560
Language	Card No. 1623

DAWSON CITY, YUKON TERRITORY

Environmental Impact	Card No. 1533
----------------------	---------------

DAVIS STRAIT, N.W.T.

Marine Biology	Card No. 1548
Parks	Card No. 1604

ELLESMERE ISLAND, N.W.T.

Archaeology	Card No. 1514
Archaeology	Card No. 1588
Parks	Card No. 1595

ESKIMO POINT, N.W.T.

Geese	Card No. 1520
Inuit	Card No. 1457
Inuit Ethnography	Card No. 1452

FORT LIARD, N.W.T.

Native People	Card No. 1455
---------------	---------------

FORT SIMPSON, N.W.T.

Language	Card No. 1469
----------	---------------

FROBISHER BAY, N.W.T.

Archaeology	Card No. 1525
Language	Card No. 1632
Marine Ecology	Card No. 1511
Telecommunications	Card No. 1621

HOLMAN ISLAND, N.W.T.

Inuit	Card No. 1458
-------	---------------

HUDSON BAY

History	Card No. 1516
---------	---------------

IGLOOLIK, N.W.T.

Health	Card No. 1622
Inuit	Card No. 1421

INUVIK, N.W.T.

Community Planning	Card No. 1694
--------------------	---------------

INVOLUTED HILL, N.W.T.

Physical Geography	Card No. 1637
--------------------	---------------

KEEWATIN DISTRICT, N.W.T.

Caribou	Card No. 1685
Caribou	Card No. 1686
Conference	Card No. 1481
Environment	Card No. 1536
Environmental Impact	Card No. 1575

LABRADOR

Archaeology	Card No. 1707
Archaeology	Card No. 1709
Economic Development	Card No. 1426
Education	Card No. 1706
Ethnography	Card No. 1518
Fisheries	Card No. 1667
Flies	Card No. 1671
Ice	Card No. 1678
Land Use	Card No. 1708
Language	Card No. 1587
Mining	Card No. 1716
Nutrition	Card No. 1447
Snow and Ice	Card No. 1527
Social Impact Assessment	Card No. 1666
Telecommunications	Card No. 1508
Telecommunications	Card No. 1509
Toponymy	Card No. 1545
Tourism	Card No. 1540
Whales	Card No. 1550

LANCASTER SOUND, N.W.T.

Land Use	Card No. 1473
----------	---------------

LITTLE CORNWALLIS ISLAND, N.W.T.

Pollution	Card No. 1558
-----------	---------------

MACKENZIE DELTA, N.W.T.

Highway Engineering	Card No. 1474
Inuit	Card No. 1420
Lakes	Card No. 1475
Reindeer	Card No. 1638

MACKENZIE DISTRICT, N.W.T.

Transportation	Card No. 1547
----------------	---------------

MACKENZIE VALLEY, N.W.T.

Toponymy	Card No. 1546
----------	---------------

MANITOBA, NORTHERN

Bird Migration	Card No. 1466
Economic Development	Card No. 1651
Education	Card No. 1693
Geese	Card No. 1529
Health	Card No. 1448
Health	Card No. 1449
Health	Card No. 1450
Health Services	Card No. 1462
Parks	Card No. 1608
Telecommunications	Card No. 1563
Wildlife	Card No. 1668
Wildlife	Card No. 1669

NAHANNI BUTTE, N.W.T.

Environmental Impact Assessment	Card No. 1635
------------------------------------	---------------

NEWFOUNDLAND

Archaeology	Card No. 1710
Archaeology	Card No. 1711
Archaeology	Card No. 1712
Flies	Card No. 1672

NOGASH LAKE, N.W.T.

Environmental Impact Assessment	Card No. 1519
------------------------------------	---------------

NORTH, GENERAL

Air Transportation Services	Card No. 1609
Community Planning	Card No. 1692
Crustacea	Card No. 1505
Education	Card No. 1681
Environment	Card No. 1614

NORTH, GENERAL (Cont'd)

Environment	Card No. 1615
Environment	Card No. 1617
Environment	Card No. 1618
Environment	Card No. 1619
Environmental Impact Assessment	Card No. 1528
Environmental Impact Assessment	Card No. 1531
Finance	Card No. 1561
Government Policy	Card No. 1522
Health	Card No. 1495
Health	Card No. 1665
History	Card No. 1670
Housing	Card No. 1486
Housing	Card No. 1487
Hunting	Card No. 1554
Insects	Card No. 1578
Insects	Card No. 1616
International Law	Card No. 1677
Inuit	Card No. 1586
Inuit	Card No. 1589
Local Government	Card No. 1566
Maritime Law	Card No. 1676
Mining	Card No. 1697
National Defence	Card No. 1417
Native Rights	Card No. 1430
Nurses	Card No. 1513
Parks	Card No. 1461
Parks	Card No. 1607
Permafrost	Card No. 1532
Pipelines	Card No. 1427
Polar Bears	Card No. 1471
Polar Bears	Card No. 1551
Polar Bears	Card No. 1555
Polar Bears	Card No. 1557
Pollution	Card No. 1577
Public Hearings	Card No. 1564
Resource Development	Card No. 1436
Resource Development	Card No. 1470
Resource Development	Card No. 1491
Revegetation	Card No. 1579
Socio-Economic Impact	Card No. 1696
Social Impact Assessment	Card No. 1580
Temporary Shelters	Card No. 1479
Travel	Card No. 1660
Whales	Card No. 1552

NORTHWEST TERRITORIES, GENERAL

Aboriginal Rights	Card No. 1534
Archaeology	Card No. 1477
Art	Card No. 1673
Art	Card No. 1674
Art	Card No. 1675
Caribou	Card No. 1497
Caribou	Card No. 1498
Caribou	Card No. 1499
Caribou	Card No. 1687
Conference	Card No. 1480
Environmental Impact Assessment	Card No. 1698
Environmental Impact Assessment	Card No. 1699
Falcons	Card No. 1418
Government Policies	Card No. 1515
Health	Card No. 1631
Health	Card No. 1688
Housing	Card No. 1530
Inuit	Card No. 1416
Inuit	Card No. 1523
Inuit	Card No. 1543
Justice Administration	Card No. 1656
Land Use	Card No. 1633
Language	Card No. 1544
Local Government	Card No. 1567
Local Government	Card No. 1581
Nutrition	Card No. 1431
Oil Spills	Card No. 1576
Oil Spills	Card No. 1648
Political Philosophy	Card No. 1715
Recreation	Card No. 1626
Rivers	Card No. 1630
Telecommunications	Card No. 1565
Telecommunications	Card No. 1600
Territorial Government	Card No. 1562
Vegetation	Card No. 1628
Wolves	Card No. 1683

OLD CROW, YUKON TERRITORY

Archaeology	Card No. 1590
-------------	---------------

ONTARIO, NORTHERN

Dentistry	Card No. 1446
Health Services	Card No. 1428
History	Card No. 1690
Native People	Card No. 1422
Native People	Card No. 1423
Native People	Card No. 1478
Native People	Card No. 1591
Native People	Card No. 1592
Native People	Card No. 1593
Native People	Card No. 1594
Telecommunications	Card No. 1597

PINE POINT, N.W.T.

Environmental Impact Assessment	Card No. 1629
------------------------------------	---------------

PRINCE OF WALES ISLAND, N.W.T.

Caribou	Card No. 1496
---------	---------------

QUEBEC, NORTHERN

Archaeology	Card No. 1704
Demography	Card No. 1510
Ducks	Card No. 1573
Economic Development	Card No. 1542
Education	Card No. 1539
Fisheries	Card No. 1467
Fur Trade	Card No. 1432
Housing	Card No. 1483
Housing	Card No. 1489
Human Geography	Card No. 1538
Hunting	Card No. 1572
Hunting	Card No. 1574
James Bay Hydroelectric Project	Card No. 1661
Language	Card No. 1537
Language	Card No. 1680
Language	Card No. 1714
Native People	Card No. 1611
Social Impact Assessment	Card No. 1585
Social Survey	Card No. 1583
Telecommunications	Card No. 1596
Telecommunications	Card No. 1598
Telecommunications	Card No. 1601
Town Relocation	Card No. 1610
Town Relocation	Card No. 1612

QUEEN ELIZABETH ISLANDS, N.W.T.

Caribou	Card No. 1500
---------	---------------

RANKIN INLET, N.W.T.

Language	Card No. 1649
Nutrition	Card No. 1642

SACHS HARBOUR, N.W.T.

Ethnography	Card No. 1419
-------------	---------------

SASKATCHEWAN, NORTHERN

Caribou	Card No. 1502
Community Planning	Card No. 1440
Education	Card No. 1465
Education	Card No. 1664
Land Use	Card No. 1437
Leadership	Card No. 1424
Native People	Card No. 1453
Nutrition	Card No. 1494
Recreation	Card No. 1438
Wage Employment	Card No. 1476

SLAVE RIVER, N.W.T.

Environmental Impact Assessment	Card No. 1627
Environmental Impact Assessment	Card No. 1645

SOMERSET ISLAND, N.W.T.

Archaeology	Card No. 1549
Archaeology	Card No. 1713

TUKTOYAKTUK, N.W.T.

Harbours	Card No. 1435
----------	---------------

VICTORIA ISLAND, N.W.T.

Vegetation	Card No. 1636
------------	---------------

WHITEHORSE, YUKON TERRITORY

Water Distribution Systems	Card No. 1535
-------------------------------	---------------

YUKON TERRITORY, GENERAL

Alcohol	Card No. 1654
Alcohol	Card No. 1655
Caribou	Card No. 1504
Caribou	Card No. 1526
Economic Development	Card No. 1541
Health Care	Card No. 1439
Native People	Card No. 1695
Social Impact Assessment	Card No. 1445
Transportation	Card No. 1613
Trapping	Card No. 1503
Water Management	Card No. 1705
Wildlife Management	Card No. 1429

LIST OF CURRENT AND RECENT
RESEARCH AND STUDIES RELATING TO
NORTHERN SOCIAL CONCERNS

325.3:351:39
(*440)

ABORIGINAL RIGHTS: LAW: INUIT

Card no. 1534

PROJECT TITLE: THE TERRITORIAL RIGHTS OF THE INUIT OF THE CANADIAN
NORTHWEST TERRITORIES: A LEGAL ARGUMENT

GEOGRAPHIC
LOCATION OF
PROJECT: Northwest Territories

PROJECT
UNDERTAKEN BY: Geoffrey S. Lester

RESEARCHER(S): Geoffrey S. Lester, York University

PURPOSE: To investigate what legal rights the Northwest Territories Inuit
have based on aboriginal possession. Disputes received Canadian
academic and judicial view on most points of the law

METHODOLOGY: Library research

FINDINGS: Inuit have legal rights enforceable at their suit against the Crown
in right of Canada

PROJECT
BEGUN: September 1973

ANTICIPATED
COMPLETION: December 1980, D. Jur. Thesis

REPORTS AND
PUBLICATIONS: "Aboriginal Land Rights: The Significance of Inuit Place Naming."
Etudes/Inuit/Studies, III, 1979, pp. 53-75, by Geoffrey S. Lester
"Primitivism versus Civilization: A Basic Question in the Law
of Aboriginal Rights to Land." In: Our Footprints are Everywhere:
Inuit Land Use and Occupancy in Labrador, pp. 351-374, Ottawa,
Labrador Inuit Association, 1978, by Geoffrey S. Lester

CONTACT: Geoffrey S. Lester
Inuit Tapirisat of Canada
176 Gloucester Street
Ottawa, Ontario

656.7
(*430)(*440)(*424)(*423)

AIR TRANSPORTATION SERVICES

Card no. 1609

PROJECT TITLE: NORTHERN AIRLINE SERVICES BY LOCAL SERVICE CARRIERS

GEOGRAPHIC LOCATION OF PROJECT: Yukon, Northwest Territories, Quebec/Labrador

PROJECT UNDERTAKEN BY: Canadian Transport Commission, Research Branch

RESEARCH CO-ORDINATOR: R. Fosbrooke, Canadian Transport Commission

RESEARCHER(S): Michel Archambault

FINANCIAL SUPPORT: Federal Government

PURPOSE: To describe the activities in the Northern regions of Canada of selected local service carriers throughout the period 1970-78 and to identify any changes in service patterns (for example, between charter and unit toll services) within three out-markets: Yukon, Northwest Territories and Quebec-Labrador

METHODOLOGY: The information submitted by the carriers to the Aviation Statistics Centre will be examined and analysed to obtain the required data base

PROJECT BEGUN: November 1980

ANTICIPATED COMPLETION: June 1981

CONTACT: R. Fosbrooke
Research Branch
Canadian Transport Commission
Ottawa, Ontario K1A 0N9
Tel. (613) 997-2830

ALCOHOL: SOCIAL PROBLEMS

Card No. 1654

PROJECT TITLE: STUDY OF IMPAIRED DRIVING IN THE YUKON

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon

PROJECT
UNDERTAKEN BY: Carolyn Hursh

RESEARCH
CO-ORDINATOR: Harold Finkler and Charles McLaughlin

RESEARCHER(S): Carolyn Hursh

FINANCIAL
SUPPORT: Federal Government

PURPOSE:

1. To assess the nature and extent of the impaired driving problem in the Yukon
2. To assess the effectiveness of current methods applied to impaired drivers
3. To make recommendations for the adaptation of existing programs and/or the development of new programs

FINDINGS:

The research documented the existence of a serious impaired driving problem. It also showed that the measures currently being used are not able to significantly reduce the incidence of new offenders or to prevent existing impaired drivers from reoffending. To complicate the issue, it was also found that these offenders have many distinct subgroups within their numbers which has definite implications for any treatment planning. This phase concluded that a new approach had to be developed to deal with the impaired driving problem in the Yukon.

PROJECT
BEGUN: October 1979

ANTICIPATED
COMPLETION: May 1980

REPORTS AND
PUBLICATIONS: An Analysis of Impaired Driving in the Yukon with Recommendations for Program Development, by Carolyn Hursh, Whitehorse, Yukon, May 1980

CONTACT:

Harold Finkler
Northern Social Research Division
Northern Co-ordination and Social Development Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-9666

or

Charles McLaughlin
Chief of Alcohol and Drug Abuse
Government of the Yukon
Tel.: (403) 667-5777

ALCOHOL: SOCIAL PROBLEMS

Card No. 1655

PROJECT TITLE: YUKON IMPAIRED DRIVING STUDY-PHASE II

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon

PROJECT
UNDERTAKEN BY: Carolyn Hursh

RESEARCH
CO-ORDINATOR: Harold Finkler and Charles McLaughlin

RESEARCHER(S): Carolyn Hursh

FINANCIAL
SUPPORT: Federal Government

PURPOSE:

1. To supplement existing information about Yukon impaired drivers
2. To supplement existing information about Yukon policies and procedures regarding impaired drivers
3. To identify countermeasure programs used elsewhere that could be applied to Yukon offenders

PROJECT
BEGUN: July 1980

ANTICIPATED
COMPLETION: March 1981

CONTACT:

Harold Finkler
Northern Social Research Division
Northern Co-ordination and Social Development Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-9666

or

Charles McLaughlin
Chief of Alcohol and Drug Services
Government of the Yukon
Tel.: (403) 667-5777

571
(*469.6)

ARCHAEOLOGY

Card no. 1584

<u>PROJECT TITLE:</u>	BANKS ISLAND ARCHAEOLOGICAL RESEARCH PROJECT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Banks Island, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Toronto
<u>RESEARCH CO-ORDINATOR:</u>	Charles D. Arnold, University of Toronto
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To investigate prehistoric cultural remains along the southeastern coast of Banks Island, Northwest Territories. The investigation will help define local occupational sequences, which may in turn be pertinent to archaeological problems that are much broader in scope
<u>METHODOLOGY:</u>	Archaeological survey and excavations
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	Charles D. Arnold University of Toronto Toronto, Ontario

571
(*464.2)

ARCHAEOLOGY

Card no. 1588

PROJECT TITLE: ARCHAEOLOGY OF NORTHERN ELLESMERE ISLAND

GEOGRAPHIC
LOCATION OF
PROJECT: Northern Ellesmere Island

PROJECT
UNDERTAKEN BY: Carleton University

RESEARCH
CO-ORDINATOR: Patricia Sutherland

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To test by archaeological excavation the nature of prehistoric occupations of the northern interior of Ellesmere Island. A brief archaeological survey conducted in 1977 in the region lying between Tanquary Fiord and Lake Hazen revealed the existence of archaeological sites relating both to Paleoeskimo and prehistoric Eskimo occupation. This study will try to determine whether those sites were occupied by migrant people, or whether the sites represent a seasonal occupation by people whose coastal camps are known from the western and eastern coasts of Ellesmere Island

PROJECT
BEGUN: 1979

ANTICIPATED
COMPLETION: 1980

CONTACT: Patricia Sutherland
Carleton University
Ottawa, Ontario

ARCHAEOLOGY

Card no. 1707

PROJECT TITLE: SHULDHAM ISLAND ARCHAEOLOGICAL PROJECT

GEOGRAPHIC
LOCATION OF
PROJECT: Shuldham Island and vicinity and outer part of Saglek Bay, Labrador

PROJECT
UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH
CO-ORDINATOR: Callum Thomson, Memorial University of Newfoundland

RESEARCHER(S): Krishna Mair, Stephen Mills and Duncan Snowden

FINANCIAL
SUPPORT: University, Provincial Government and Federal Government

PURPOSE: To investigate the Middle and Late Dorset occupation of Shuldham Island and the outer part of Saglek Bay; to study the settlement/subsistence patterns in this region; to examine the soapstone carving industry indicated by previous survey; to document any possible contact among Dorset, Thule, Norse and Point Revenge Indian groups; to make a representative collection of artifacts and bone, if present, in order to compare this region's occupations with those elsewhere in northern Labrador and the eastern Arctic

METHODOLOGY: Excavation of two sod and stone, semi-subterranean, winter houses and two surface tent platform sites; collection of faunal material, lithic material and soapstone, including figurines; recording of stratigraphy, house structures and other features encountered, recording of soil profiles; survey of vicinity and testing of sites in order to document all occupations

FINDINGS: Artifactual evidence indicated the use of the winter house site by as many as nine different cultural groups over 4000 years; several house structures were recorded; collections made of thirty figurines and an adequate faunal sample for a seasonality study; evidence was found for possible Dorset/Thule/Point Revenge contact; 26 new sites recorded

PROJECT
BEGUN:

July 1980

ANTICIPATED
COMPLETION:

1981 M.A. Thesis

REPORTS AND
PUBLICATIONS:

"Preliminary archaeological findings from Shuldham Island, Northern Labrador, 1980." In: Archaeology in Newfoundland and Labrador, 1980, Historic Resource Divison, Department of Culture, Recreation and Youth, Government of Newfoundland and Labrador, March 1981

CONTACT:

Callum Thomson
Department of Anthropology
Memorial University of Newfoundland
St. John's, Newfoundland,
A1C 5S7
Tel.: (709) 737-8869

571
(*423)

ARCHAEOLOGY

Card no. 1709

<u>PROJECT TITLE:</u>	A 16th CENTURY WHALING STATION IN LABRADOR
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Red Bay, Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Archaeology Unit
<u>RESEARCH CO-ORDINATOR:</u>	James A. Tuck, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	James A. Tuck
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To reconstruct the way of life of Spanish Basque whalers in southern Labrador between c. A.D. 1540 and A.D. 1600. Such things as whaling technology, adaptations to the Labrador environment, relations with native peoples, etc. are being investigated. This work, which centers on shore stations, is being carried out in conjunction with archival research in Spain and the excavation of the galleon <u>San Juan</u> , lost at Red Bay in 1565
<u>METHODOLOGY:</u>	Standard archaeological methodology will be employed throughout the project
<u>FINDINGS:</u>	Archaeological remains including such structures as "ovens", cooperages, dwellings, and other buildings as well as some 6,000 artifacts (ceramics, glass, ferrous and non-ferrous metals, textiles, and organic remains) have provided information bearing on the areas mentioned above
<u>PROJECT BEGUN:</u>	1977
<u>ANTICIPATED COMPLETION:</u>	1984-85

REPORTS AND
PUBLICATIONS:

Archaeology in Southern Labrador - 1980, Memorial University
of Newfoundland, 1980, by James A. Tuck

CONTACT:

James A. Tuck
Archaeology Unit
Memorial University of Newfoundland
St. John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8872

571
(*423)

ARCHAEOLOGY

Card no. 1710

PROJECT TITLE: FRENCHMAN'S ISLAND - A MULTICOMPONENT SITE IN TRINITY BAY, NEWFOUNDLAND

GEOGRAPHIC LOCATION OF PROJECT: Bull Arm, Trinity Bay, Newfoundland

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Archaeology Unit

RESEARCH CO-ORDINATOR: James A. Tuck, Memorial University of Newfoundland

RESEARCHER(S): Clifford Evans

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To investigate probable late pre-contact and contact Beothuck Indian and late Dorset Eskimo habitation sites in Trinity Bay

METHODOLOGY: Standard archaeological methodology will be employed throughout the project

FINDINGS: Preliminary excavations have revealed possible contact (c. A.D. 1650) and late pre-contact Indian occupations overlying a late (A.D. 7-800?) Dorset Eskimo occupation

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1982

REPORTS AND PUBLICATIONS: 1980 Field Report of Frenchmen's Island Project, Memorial University of Newfoundland, 1980, by Clifford O. Evans

CONTACT: James A. Tuck
Archaeology Unit
Memorial University of Newfoundland
St. John's, Newfoundland
A1C 5S7
Tel.: 9709) 737-8872

571
(*423)

ARCHAEOLOGY

Card no. 1711

<u>PROJECT TITLE:</u>	PREHISTORY OF TERRA NOVA NATIONAL PARK
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Bonavista Bay, Newfoundland
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Archaeology Unit
<u>RESEARCH CO-ORDINATOR:</u>	James A. Tuck, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	Anna Sawicki
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To investigate early Dorset Eskimo occupation in northeastern Newfoundland
<u>METHODOLOGY:</u>	Standard archaeological methodology will be employed throughout the project
<u>FINDINGS:</u>	Initial excavations have revealed a hitherto unknown early Dorset occupation in Bonavista Bay
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	1982 M.A. Thesis
<u>REPORTS AND PUBLICATIONS:</u>	1980 Excavations in Terra Nova National Park; prepared for Parks Canada, by A. Sawicki and J. Tuck, Memorial University of Newfoundland
<u>CONTACT:</u>	James A. Tuck Archaeology Unit Memorial University of Newfoundland St. John's, Newfoundland A1C 5S7 <u>Tel.:</u> (709) 737-8872

571
(*423)

ARCHAEOLOGY

Card no. 1712

PROJECT TITLE: L'ANSE A FLAMME - A MULTICOMPONENT SITE IN SOUTHERN NEWFOUNDLAND

GEOGRAPHIC LOCATION OF PROJECT: Bay d'Espoir, Newfoundland

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Archaeology Unit

RESEARCH CO-ORDINATOR: James A. Tuck, Memorial University of Newfoundland

RESEARCHER(S): Gerald Penney

FINANCIAL SUPPORT: Provincial Government and Native Organization

PURPOSE: To investigate recent Indian and Dorset Eskimo occupation of Newfoundland's south coast

METHODOLOGY: Standard archaeological methodology will be employed throughout the project

FINDINGS: Evidence of a middle to late Dorset occupation and a post-Dorset Indian occupation have been discovered at L'Anse a Flamme

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1981

REPORTS AND PUBLICATIONS: A Preliminary Report on the Excavation of the L'Anse à Flamme Site (Cjax-1), Memorial University of Newfoundland, December 1980, by Gerald Penney

CONTACT: James A. Tuck
Archaeology Unit
Memorial University of Newfoundland
St. John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8869

571
(*440)

ARCHAEOLOGY

Card no. 1713

PROJECT TITLE: NORTHERN CULTURAL HERITAGE PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Stanwell-Fletcher Lake, Somerset Island, Northwest Territories

PROJECT UNDERTAKEN BY: Prince of Wales Northern Heritage Centre

RESEARCH CO-ORDINATOR: E. Bielawski and S. Cole, Prince of Wales Northern Heritage Centre

RESEARCHER(S): E. Bielawski and S. Cole

FINANCIAL SUPPORT: Government of the Northwest Territories

PURPOSE: To combine archaeological research with a scientific skills training and cultural heritage education program for Northwest Territories high school students. Research problems include: 1) study of the inland portion of the seasonal round of prehistoric Arctic occupants 2) changing cultural adaptation through time at a single location (4000 years)

METHODOLOGY: A 3-year design incorporates purposive and probabilistic sampling in the excavation of both complete habitations and 1 x 1 metre sampling units

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1982

REPORTS AND PUBLICATIONS: Heritage Education: The First Season Of the Northern Cultural Heritage Project (1979) by E. Bielawski and S. Cole.
1980 Archaeological Research and Training at Stanwell-Fletcher Lake, Somerset Island, N.W.T. by E. Bielawski and S. Cole

CONTACT: E. Bielawski and S. Cole
Prince of Wales Northern Heritage Centre
Yellowknife, Northwest Territories
Tel.: (403) 873-7551

571:312
(*430)

ARCHAEOLOGY: GEOGRAPHY

Card no.1590

PROJECT TITLE: NORTHERN YUKON RESEARCH PROGRAM

GEOGRAPHIC
LOCATION OF
PROJECT: Old Crow region, Northern Yukon

PROJECT
UNDERTAKEN BY: University of Toronto

RESEARCH
CO-ORDINATOR: William N. Irving, University of Toronto

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To discover and interpret evidence for Early Man in the northern Yukon. In the long run this work will lead both to an historical biogeography of the area, and to an archaeological sequence of cultures interpreted both by ethnographic analogy and in the light of environmental studies

PROJECT
BEGUN: 1975

ANTICIPATED
COMPLETION: On-going

CONTACT: William N. Irving
Northern Yukon Research Program
Department of Anthropology
University of Toronto
Toronto, Ontario
M5S 1A1

571:551.4
(*424.1)

ARCHAEOLOGY: GEOMORPHOLOGY

Card no. 1524

<u>PROJECT TITLE:</u>	GEOMORPHOLOGY OF THE ARCHAEOLOGICAL SITE OF NUNANIGUQ
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Killiniq Island
<u>PROJECT UNDERTAKEN BY:</u>	Université du Québec à Montréal, Projet Tuvaaluk, Laboratoire d'archéologie et Université de Montréal, Département de Géographie
<u>RESEARCH CO-ORDINATOR:</u>	Pierre Gangloff, Université de Montréal et Patrick Plumet, Université du Québec à Montréal
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To study the stability of the archaeological site of Nunaniguq
<u>METHODOLOGY:</u>	Field-work, observation
<u>FINDINGS:</u>	Only a small portion of the site is directly threatened. The most active process is of thermokarstic origin
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	1979
<u>REPORTS AND PUBLICATIONS:</u>	<u>Géomorphologie du site archéologique de Nunaniguq</u> , Ministère des Affaires culturelles, Québec, 1979, par Pierre Gangloff
<u>CONTACT:</u>	Pierre Gangloff Département de Géographie Université de Montréal Montréal, Québec Tel.: 270-4794

571:325.1:551.583:577.4
(*462)

ARCHAEOLOGY: HUMAN SETTLEMENT: CLIMATIC VARIATIONS:
ENVIRONMENT

Card no. 1525

<u>PROJECT TITLE:</u>	PALAEO ENVIRONMENTS OF THE FROBISHER BAY AREA, BAFFIN ISLAND
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Upper Frobisher Bay, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Windsor, Department of Geography
<u>RESEARCH CO-ORDINATOR:</u>	John D. Jacobs, University of Windsor
<u>RESEARCHER(S):</u>	Cynthia Squires, Susan K. Short
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To show how the existing patterns of local environmental diversity, terrestrial primary productivity, and faunal resource availability have responded during past periods of regional climatic variation, and to indicate the resulting implications for the stability and persistence of human settlement
<u>METHODOLOGY:</u>	Selected areas are studied intensively in terms of the present local climate and vegetation. Palynological methods are used to reconstruct past environments with correlative data being obtained from the archaeological record and land use surveys
<u>FINDINGS:</u>	Preliminary results suggest the upper Frobisher Bay area to have been a more productive resource area than previously supposed. Consequently, occupation of the area by Palaeoeskimo, Thule, and recent Inuit populations was significant, as indicated by the archaeological and historic evidence
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	John D. Jacobs Department of Geography University of Windsor Windsor, Ontario N9B 3P4 Tel.: (519) 253-4232 ext. 808/446

571:39
(*469.6)(*469.3)

ARCHAEOLOGY: INUIT: ETHNOGRAPHY

Card no. 1425

<u>PROJECT TITLE:</u>	THE ECONOMY AND SOCIAL ORGANIZATION OF NINETEENTH CENTURY COPPER INUIT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Banks Island, Victoria Island, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Alberta, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	Clifford G. Hickey, University of Alberta
<u>FINANCIAL SUPPORT:</u>	University, Federal and Provincial Governments
<u>PURPOSE:</u>	To investigate changes to the traditional society of the Copper Inuit as the result of a temporary occupation of northern Banks Island in order to salvage the Royal Navy vessel H.M.S. <u>Investigator</u>
<u>METHODOLOGY:</u>	Archaeological investigation of sites of this time period, ethnographic research (including study of museum collections), and archival research
<u>PROJECT BEGUN:</u>	1977
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	Interim Reports. Three papers read to National Anthropological and Archaeological conferences
<u>CONTACT:</u>	Clifford G. Hickey Department of Anthropology University of Alberta Edmonton, Alberta T6G 2H4 Tel.: (403) 432-2329

ARCHAEOLOGY: PARKS, NATIONAL

Card no. 1477

PROJECT TITLE: PRELIMINARY ARCHAEOLOGICAL ASSESSMENT OF NAHANNI NATIONAL PARK AND VICINITY

GEOGRAPHIC LOCATION OF PROJECT: Nahanni National Park, Northwest Territories

PROJECT UNDERTAKEN BY: Charles W. Amsden

RESEARCH CO-ORDINATOR: John D. Combes, Parks Canada, Prairie Region

RESEARCHER(S): C.W. Amsden, University of Western Australia, Department of Anthropology

FINANCIAL SUPPORT: Federal Government

PURPOSE: To assess the archaeological resources within the park for planning, management, interpretive and development purposes

METHODOLOGY: Ground and helicopter survey, test excavation, mapping, data collection, ethnographic data collection (interviews with local informants), data analysis

FINDINGS: Prehistoric and historic sites identified and tabulated

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: 1979

REPORTS AND PUBLICATIONS: A preliminary archaeological assessment of Nahanni National Park and vicinity, Stages 1 and 2. Manuscript Reports 277 and 316, Parks Canada Ottawa, 1978, 1979
Archaeological Research in Nahanni National Park, 1978. Research Bulletin 118, Parks Canada, Ottawa, 1979

CONTACT: Regional Director
Parks Canada, Prairie Region
114 Garry Street
Winnipeg, Manitoba
R3C 1G1
Attn: John D. Combes, Chief
Archaeological Research
Tel.: 949-4588

571:325.1:577.4
(*464.2)

ARCHAEOLOGY: SETTLEMENT: ECOLOGY

Card no. 1514

<u>PROJECT TITLE:</u>	ELLESMERE ISLAND RESEARCH PROJECT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Bache Peninsula Region, east coast of Ellesmere Island
<u>PROJECT UNDERTAKEN BY:</u>	University of Calgary, Arctic Institute of North America
<u>RESEARCH CO-ORDINATOR:</u>	P. Schledermann
<u>RESEARCHER(S):</u>	K. McCullough
<u>FINANCIAL SUPPORT:</u>	Federal Government and Private Foundation
<u>PURPOSE:</u>	To define the culture chronological sequence and varying occupational intensity of prehistoric settlement in the area. To study the relationship of ecological and environmental changes to the variation in subsistence and settlement patterns during the past four to five thousand years of human occupation. To study the patterns of cultural developments and adaptations in the research area and to relate these to contemporary developments on a larger geographical scale
<u>METHODOLOGY:</u>	Extensive aerial and ground reconnaissance to establish the archaeological resources of the area followed by selective sampling and excavation
<u>FINDINGS:</u>	Over 60 sites relating to various stages of the Arctic Small Tool tradition plus several large Thule culture settlements; both winter and summer sites. Approximately 30 artifacts of Norse origin located within Thule culture winter dwellings
<u>PROJECT BEGUN:</u>	1977
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	"An archaeological survey of Bache Peninsula, Ellesmere Island." Arctic 30 (4) pp. 243 -245, 1977, by P. Schledermann

"Preliminary results of archaeological investigations in the Bache
Peninsular Region, Ellesmere Island, N.W.T." Arctic 31 (4)
pp. 459 - 474, 1978, by P. Schledermann

"Polynyas and Prehistoric Settlement Patterns." Arctic 33 (2)
pp. 292 - 302, 1980, by P. Schledermann

CONTACT:

Peter Schledermann
Arctic Institute of North America
University of Calgary
2500 University Drive North West
Calgary, Alberta
T2N 1N4
Tel.: (403) 284-3388

571:599.5
(*465.3)

ARCHAEOLOGY: WHALES

Card no. 1549

PROJECT TITLE: STUDY OF ARCHAEOLOGICAL WHALE BONE FOR THE RECONSTRUCTION OF EARLY CANADIAN ARCTIC BOWHEAD WHALE STOCKS

GEOGRAPHIC LOCATION OF PROJECT: Somerset Island, Northwest Territories

PROJECT UNDERTAKEN BY: University of Arkansas

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Pat McCartney, University of Arkansas

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study archaeological whale bones for the reconstruction of Canadian Arctic Bowhead Whale stocks and whale use by Prehistoric Inuit

METHODOLOGY: Measurement of whale bones and other relevant osteological observations; analysis of collected data using computer-derived regression analysis

PROJECT BEGUN: April 1979

ANTICIPATED COMPLETION: August 1980

REPORTS AND PUBLICATIONS: Study of Archaeological Whale Bones for the Reconstruction of Canadian Arctic Bowhead Whale Stocks and Whale Use by Prehistoric Inuit, by A.P. McCartney, August 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

ARCHAEOLOGY: WILDLIFE

Card no. 1704

PROJECT TITLE: OTTAWA ISLANDS ARCHAEOLOGICAL, NATURAL AND WILDLIFE SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Central East Hudson Bay

PROJECT UNDERTAKEN BY: Makivik Corporation, Research Department

RESEARCH CO-ORDINATOR: Daniel Weetaluktuk, Makivik Corporation

RESEARCHER(S): Dave Murray, Jimmy Kasudluak, Erik Val and Eli Weetaluktuk

FINANCIAL SUPPORT: Native Association

PURPOSE: To conduct archaeological, natural and wildlife presence survey on the Ottawa Islands. The Ottawa Islands are known by eastern Hudson Bay Inuit as Arviliet, roughly translated as "place of large whales"

METHODOLOGY: From aerial photographs of 1:60.000 scale the following was done: Quick spot checks on the most promising areas for archaeological sites; cruise around most of the island chain for bird and marine mammal life in the immediate offshore area. General notes and photographs were taken during this brief visit

FINDINGS: Ringed seals, mergansers, guillemots were seen throughout the islands. No polar bears were seen, but their footprints were noted as being a few weeks old. There were more Thule sites than Dorset on the islands

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Daniel Weetaluktuk
Research Department
Makivik Corporation
Inoucdjouac, Quebec
J0M 1M0
Tel.: (819) 254-8878

7.031.71
(*440)(*424.1)

ART: INUIT

Card no. 1674

PROJECT
TITLE:

INUIT ART SLIDE LIBRARY

GEOGRAPHIC
LOCATION OF
PROJECT:

Northwest Territories and Arctic Quebec

PROJECT
UNDERTAKEN BY:

Deborah Kennedy-Smith

RESEARCH
CO-ORDINATOR:

Viviane Gray, Inuit Art Section, Department of Indian and Northern Affairs

RESEARCHER(S):

Deborah Kennedy-Smith

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

To provide slides of Inuit artworks to researchers, lecturers as well as for use in publications (with permission from artists)

METHODOLOGY:

Acquisition of slides through original photography. Slides labelled with information in English and French. Material stored in slide cabinets for easy access

PROJECT
BEGUN:

November 1979

ANTICIPATED
COMPLETION:

On-going

CONTACT:

Viviane Gray
Research and Documentation Co-ordinator
Inuit Art Section
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9440

7.031.71
(*440)(*424.1)

ART: INUIT

Card no. 1675

<u>PROJECT TITLE:</u>	INUIT ART - ARTIST'S BIOGRAPHIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories and Arctic Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Diana Borso
<u>RESEARCH CO-ORDINATOR:</u>	Viviane Gray, Inuit Art Section, Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	Diana Borso
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To develop and maintain a central research and documentation centre on materials related to Inuit art and artists
<u>METHODOLOGY:</u>	A) Compiling and sorting of existing documentation B) Interviews with individual artists C) Combining A & B for artists profiles
<u>PROJECT BEGUN:</u>	November 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Viviane Gray Research and Documentation co-ordinator Inuit Art Section Department of Indian and Northern Affairs Ottawa, Ontario K1A 0H4 Tel.: (819) 997-9440

7.031.71:654.19
(*440)

ART: INUIT: RADIO PROGRAMMES

Card no. 1673

<u>PROJECT TITLE:</u>	EDUCATIONAL RADIO BROADCASTS ON INUIT ART
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Cape Dorset and Baker Lake, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Canadian Broadcasting Corporation and Department of Education, Northwest Territories
<u>RESEARCH CO-ORDINATOR:</u>	Helga Goetz, Inuit Art Section, Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	Marion Jackson, University of Michigan
<u>FINANCIAL SUPPORT:</u>	Federal Government and Territorial Government
<u>PURPOSE:</u>	To prepare educational radio broadcasts on Inuit art
<u>METHODOLOGY:</u>	1) Personal interviews (taped) 2) Script writing 3) Taping of broadcasts
<u>PROJECT BEGUN:</u>	July 1980
<u>ANTICIPATED COMPLETION:</u>	May 1981
<u>CONTACT:</u>	H. Goetz Inuit Art Section Department of Indian and Northern Affairs Ottawa, Ontario K1A 0H4 Tel.: (819) 997-9440

7.031
(*440)

ART, NATIVE PEOPLE

Card no. 1451

PROJECT TITLE: CAPE DORSET GRAPHIC ARTISTS

GEOGRAPHIC
LOCATION OF
PROJECT: Cape Dorset, Northwest Territories

PROJECT
UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH
CO-ORDINATOR: Dorothy Eber, Montreal, Quebec

FINANCIAL
SUPPORT: Federal Government

PURPOSE: Phase I - to record on tapes interviews with Cape Dorset graphic artists or, in some cases, the surviving relatives of these artists and to prepare a kinship chart clarifying the relationships among these artists. Phase II - to collect additional information (disc numbers, name variations, dates, etc.) pertaining to kinship relationships among Cape Dorset graphic artists

PROJECT
BEGUN: Phase I - June 1979
Phase II - July 1980

ANTICIPATED
COMPLETION: Phase I - December 1979
Phase II - July 1980

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

599.742.2:599.745:577.4
(*41N)

BEARS, POLAR: SEALS: ECOLOGY

Card no. 1471

PROJECT TITLE: THE BIOLOGY OF POLAR BEARS, SEALS, AND POLYNYAS IN THE CANADIAN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Canadian Arctic

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service, and University of Alberta, Zoology Department

RESEARCH CO-ORDINATOR: I. Stirling, Environment Canada, Canadian Wildlife Service

RESEARCHER(S): D. Andriashek, W. Calvert, M. Kingsley, P. Latour, M. Ramsay, H. Cleaton

FINANCIAL SUPPORT: Federal Government, Industry and Private Foundation

PURPOSE: To study the ecology, behaviour and population dynamics of polar bears in relation to the distribution and abundance of seals and sea ice. Special consideration to be given to polynya areas

METHODOLOGY: Aerial surveys, mark and recapture, computer modelling, observation

PROJECT BEGUN: 1971

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Population ecology studies of the polar bear in northern Labrador. Canadian Wildlife Service, Occasional Paper 42, 1980, by Ian Sterling and H.P.L. Kiliaan
"The Biological Importance of Polynyas in the Canadian Arctic." Arctic, vol. 33, no. 2, pp. 303-315, 1980, by Ian Sterling

CONTACT: I. Stirling
Canadian Wildlife Service
Environment Canada
5320 - 122 Street
Edmonton, Alberta
T6H 3S5
Tel.: (403) 435-7349

BIBLIOGRAPHY: ECOLOGY

Card no. 1653

PROJECT TITLE: ECOLOGY OF THE CANADIAN ARCTIC ARCHIPELAGO:
SELECTED REFERENCES. VOLUME 9

GEOGRAPHIC
LOCATION OF
PROJECT: Canadian Arctic Archipelago

PROJECT
UNDERTAKEN BY: Western Ecological Services, Sydney, British Columbia

RESEARCH
CO-ORDINATOR: D.M. Barnett, A/Chief
Environmental Studies Division
Department of Indian and Northern Affairs

RESEARCHER(S): N. Merle Peterson, Western Ecological Services

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To provide a selected bibliography with detailed annotations of
current literature relating to the ecology (terrestrial, freshwater
and marine) of the Canadian Arctic Archipelago and to provide
indexes to this information by subject and geographic categories
and by geographic co-ordinates

PROJECT
BEGUN: May 1980

ANTICIPATED
COMPLETION: April 1981

REPORTS AND
PUBLICATIONS: Vols. 1-8, Ecology of the Canadian Arctic Archipelago: Selected
references, are available from D.M. Barnett

CONTACT: D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

598.2:591.543.4
(*426)

BIRD MIGRATION

Card no. 1466

<u>PROJECT TITLE:</u>	STUDIES IN BIRD MIGRATION
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Fort Churchill, Manitoba
<u>PROJECT UNDERTAKEN BY:</u>	University of Guelph, Department of Zoology
<u>RESEARCH CO-ORDINATOR:</u>	J.C. George, University of Guelph
<u>RESEARCHER(S):</u>	T.M. John
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To study seasonal physiological changes in the Canada Goose, the influence of the environmental factors on breeding, moult and migration, and neuroendocrine regulation and initiation of migration
<u>METHODOLOGY:</u>	Field observations, histological and ultrastructural, and biochemical studies
<u>PROJECT BEGUN:</u>	1972
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Professor J.C. George Department of Zoology University of Guelph Guelph, Ontario N1G 2W1 Tel.: (519) 824-4120, Ext. 3479

598.2:591.543.4
(*41)

BIRDS: MIGRATION

Card no. 1507

<u>PROJECT TITLE:</u>	BIRD DISTRIBUTION IN CANADA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Natural Sciences, Vertebrate Zoology Division
<u>RESEARCH CO-ORDINATOR:</u>	Henri Ouellet, National Museum of Natural Sciences, Vertebrate Zoology Division
<u>RESEARCHER(S):</u>	Henri Ouellet
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To obtain a better understanding of the bird fauna of Canada and a precise outline of the range of all the species recorded in Canada
<u>METHODOLOGY:</u>	Field investigations, literature search, laboratory studies, and analyses
<u>FINDINGS:</u>	Bird ranges are refined every year as a result of field investigations and results are published in journals, etc.
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Henri Ouellet Vertebrate Zoology Division National Museum of Natural Sciences National Museums of Canada Ottawa, Ontario K1A 0M8 Tel.: (613) 998-4141

69.001.5
(*410)

BUILDING CONSTRUCTION: RESEARCH

Card no. 1647

PROJECT TITLE: SURVEY OF PRESENT BUILDING TECHNIQUES

GEOGRAPHIC
LOCATION OF
PROJECT: Frobisher Bay, Pangnirtung, Pond Inlet, Resolute Bay and Grise
Fiord, Northwest Territories

PROJECT
UNDERTAKEN BY: Concordia University

RESEARCH
CO-ORDINATOR: Don Schaap

RESEARCHER(S): Don Schaap and B. Evanshen

FINANCIAL
SUPPORT: University

PURPOSE: To conduct a multi year survey of present building techniques,
building problems with recommendations for future building techniques.
The study will include:

- 1) feasibility of solar and wind power;
- 2) community layouts;
- 3) building material inventory; and
- 4) building maintenance

PROJECT
BEGUN: July 1980

CONTACT: Don Schaap
#413, 4605-106A Street
Edmonton, Alberta
T6H 5H1

599.742.1:591.51
(*450)

CARIBOU: BEHAVIOUR

Card no. 1685

<u>PROJECT TITLE:</u>	THE ECOLOGICAL RELATION OF MIGRATORY BARREN-GROUND CARIBOU TO, AND THEIR BEHAVIOUR ON, THE BEVERLY CALVING GROUND, NORTHWEST TERRITORIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	District of Keewatin, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	A. Gunn, Government of the Northwest Territories
<u>RESEARCHER(S):</u>	F.L. Miller and A. Gunn
<u>FINANCIAL SUPPORT:</u>	Territorial Government and Federal Government
<u>PURPOSE:</u>	To evaluate the Caribou Protection Measures that were enacted to separate activities of exploration companies and barren-ground caribou on calving and post-calving areas. We need to understand how and, if possible, why caribou use traditional calving grounds. Implicit in the collection of those data is the development and design of sampling methodology that will allow quantified, objective descriptions of ecological relations and behaviour of caribou
<u>METHODOLOGY:</u>	Snow melt characteristics from Landsat imagery, snow depth at established sites and plant phenology will be described relative to range use (from direct observations and analysis of vegetative fragments in fecal pellets). Daily activity patterns with emphasis on cow-calf pairs will be recorded
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	1983
<u>CONTACT:</u>	Anne Gunn Wildlife Service Department of Renewable Resources Government of the Northwest Territories Yellowknife, Northwest Territories Tel.: (403) 874-7760

599.735.3:577.46
(*430:Dempster)

CARIBOU: ENVIRONMENT

Card no. 1504

<u>PROJECT TITLE:</u>	PORCUPINE CARIBOU RESEARCH		
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Yukon		
<u>PROJECT UNDERTAKEN BY:</u>	Government of Yukon, Wildlife Branch		
<u>RESEARCH CO-ORDINATOR:</u>	Manfred Hoefs, Government of Yukon and Valerie Hume, Department of Indian and Northern Affairs		
<u>RESEARCHER(S):</u>	Don Russell		
<u>FINANCIAL SUPPORT:</u>	Territorial Government, Federal Government and Industry		
<u>PURPOSE:</u>	To study the annual productivity, population size, harvest and movement routes of the Porcupine caribou herd. To address the effects of the Dempster Highway on wintering and migrating animals		
<u>METHODOLOGY:</u>	Aerial surveys, composition counts, field camps, radio telemetry		
<u>PROJECT BEGUN:</u>	1978		
<u>ANTICIPATED COMPLETION:</u>	1982		
<u>CONTACT:</u>	Don Russell Wildlife Branch Yukon Territory Government Box 2703 Whitehorse, Yukon Y1A 2C6 Tel.: 667-5671	or	Valerie Hume, Head Physical Planning Section Northern Roads and Airstrips Division Northern Economic Planning Branch Northern Affairs Program Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario Tel.: (819) 997-0033

CARIBOU: HABITAT

Card no. 1496

PROJECT TITLE: IN VITRO DIGESTIBILITIES OF PLANTS IN RUMEN FLUIDS OF PEARY CARIBOU

GEOGRAPHIC LOCATION OF PROJECT: Prince of Wales Island and Resolute Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Branch

RESEARCHER(S): Dr. D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- 1) To assess the relative digestibilities of plants eaten by Peary caribou in summer and winter
- 2) To assess the rate at which plant species are digested
- 3) To assess interaction among plant species during their digestion
- 4) To gain knowledge which will assist in the identification of the important habitats of Peary caribou

METHODOLOGY: Fermentation of ground and dried plants with the rumen fluids of Peary caribou in test tubes under controlled laboratory conditions

FINDINGS: The flowers of many plants, the green parts of grasses and sedges, and lichens were highly digestible. Mosses were poorly and slowly digested

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: In vitro digestibilities of plants in rumen fluids of Peary caribou. Canadian Wildlife Service internal report, 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3;591.52
(*440)

CARIBOU: HABITAT

Card no. 1499

PROJECT TITLE: WINTER DIETS AND HABITAT SELECTION OF PEARY CARIBOU
IN ARCTIC CANADA

GEOGRAPHIC
LOCATION OF
PROJECT: Western Queen Elizabeth Islands, Somerset Island, Prince of Wales
Island and Boothia Peninsula, Northwest Territories

PROJECT
UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH
CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and
Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL
SUPPORT: Federal Government

PURPOSE:

- To assess the variability in the winter diets of Peary caribou
in relation to geographic variability in flora and in winter
climate
- To establish the relationship between diets and fat reserves
in late winter
- To investigate the relationships among winter diet, population
fluctuations, and fertility
- To describe the habitats used by Peary caribou in relation
to snow conditions

METHODOLOGY: Rumen samples were collected over a six year period, 1974 - 1979,
from 216 caribou located on the western Queen Elizabeth Islands,
Somerset Island, Prince of Wales Island and Boothia Peninsula.
The percentage composition of plants in each sample was estimated
visually by a botanist familiar with Arctic plants

FINDINGS: Variations in the diets were large among islands and among sites
within islands; among year differences were smaller. Willow,
grasses and sedges, Saxi fraga oppositifolia, lichens, and mosses
were the chief winter foods. Peary caribou are catholic, opportunistic
feeders in winter. They exploit poorly vegetated sites where
a sparse cover of vegetation is accessible because of shallow snow

PROJECT
BEGUN: 1974

ANTICIPATED
COMPLETION: 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:591.52
(*440)(*427)

CARIBOU: HABITAT

Card no. 1502

PROJECT TITLE: IN VITRO DIGESTIBILITIES OF FORAGES IN RUMINAL FLUIDS
OF BARREN-GROUND CARIBOU

GEOGRAPHIC
LOCATION OF
PROJECT: Southern Northwest Territories (Beverly herd), and Northern
Saskatchewan

PROJECT
UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH
CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and
Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL
SUPPORT: Federal Government

PURPOSE:

- To assess the relative digestibilities of forages utilized by barren-ground caribou on their winter range
- To assess the in vitro rate of digestion of the forages
- To assess the effect of adding a nitrogen source on the digestibilities obtained in vitro

METHODOLOGY:

- Plants were collected at the feeding sites of caribou in the southern NWT and northern Saskatchewan
- Dried plant samples were fermented for various intervals in test tubes with ruminal fluids obtained from two groups of caribou shot in the winter ranges

FINDINGS: The in vitro digestibility of lichens increased as the fermentation interval was increased from 30 to 120 hours. The digestion of all the non-lichen species was essentially complete after 60 hours of fermentation. The addition of urea to the tubes caused a marked increase in the digestibility of both lichen species tested but it lowered the digestibilities of some other species

PROJECT
BEGUN: 1980

ANTICIPATED
COMPLETION: 1981

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:574.9
(*464)

CARIBOU: MIGRATION

Card no. 1444

PROJECT TITLE: SPRINGTIME INTER-ISLAND MOVEMENTS OF PEARY CARIBOU
IN THE SOMERSET ISLAND-PRINCE OF WALES ISLAND-BOOTHIA
PENINSULA COMPLEX

GEOGRAPHIC
LOCATION OF
PROJECT: Canadian Arctic Archipelago

RESEARCH
CO-ORDINATOR: Frank L. Miller, Environment Canada

RESEARCHER(S): Frank L. Miller

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To determine if Peary caribou do make annual seasonal migratory
movements between Somerset Island, Prince of Wales Island and the
Boothia Peninsula, so that their population status will be better
known on a spatial basis. Knowledge of the home ranges of a
population is necessary for carrying out inventory surveys of their
numbers at any season of the year

METHODOLOGY: Aerial searches of the coastal areas and the sea ice adjacent to
and connecting those areas. Also, snowmobile searches of coastal
sea ice areas. Searches were made during May-July of 1977-80

FINDINGS: Our findings suggest that Peary Caribou make springtime migrations
mostly from Somerset Island and, at least, the northwestern portion
of the Boothia Peninsula to Prince of Wales Island

PROJECT
BEGUN: 1977

ANTICIPATED
COMPLETION: 1980

REPORTS AND
PUBLICATIONS: Inter-island movements of Peary caribou south of Viscount Melville
Sound and Barrow Strait, Northwest Territories. Canadian Wildlife
Service Unpb. Rep CWSC 2760 by F.L. Miller and A. Gunn, May-
July 1978

Inter-island movements of Peary caribou in the Prince of Wales
Island-Somerset Island-Boothia Peninsula complex, Northwest
Territories. Canadian Wildlife Service Prog. Note No. 107 by
F.L. Miller and H. Kiliaan, 1980

CONTACT:

F.L. Miller
Canadian Wildlife Service
Western and Northern Region
Environment Canada
1000, 9942-108 Street
Edmonton, Alberta
T5K 2J5
Tel.: (403) 435-7246

599.735.3:591.543.4
(*440)

CARIBOU: MIGRATION

Card no. 1497

PROJECT TITLE: GEOGRAPHIC VARIATION IN PEARY CARIBOU IN ARCTIC CANADA

GEOGRAPHIC LOCATION OF PROJECT: Western Queen Elizabeth Islands, Somerset Island, Prince of Wales Island and Boothia Peninsula, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. George Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To assess morphological variation in Peary caribou
- To comment on the taxonomic status of caribou in the Arctic Islands and on Boothia Peninsula
- To identify populations and subpopulations of Peary caribou

METHODOLOGY:

- Analyses of measurements of body size, leg bones and skulls
- Analyses of the pelage tone
- Multivariate and other statistical methods

FINDINGS: Peary caribou occur on the islands investigated. Barren-ground caribou and intergrades occur on Boothia Peninsula. The intergrades migrate to Prince of Wales Island in the summer. Several populations and subpopulations were identified

PROJECT BEGUN: 1974

ANTICIPATED COMPLETION: 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:591.543.4
(*464)

CARIBOU: MIGRATION

Card no. 1500

PROJECT TITLE: STATUS OF PEARY CARIBOU ON THE WESTERN QUEEN ELIZABETH ISLANDS IN APRIL 1980

GEOGRAPHIC LOCATION OF PROJECT: Western Queen Elizabeth Islands, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To monitor changes in the numbers and distribution of Peary caribou in the region
- To ascertain whether the population had begun to recover from the sharp decline which started in the early 1960s and continued until at least 1977

METHODOLOGY:

- Reconnaissance surveys of Bathurst, Byam Martin, Melville, Eglinton and Prince Patrick islands during April 1980
- Survey effort was concentrated over known wintering areas
- Analysis of existing data on population parameters

FINDINGS: There was no evidence that the caribou on the western Queen Elizabeth Islands had begun to recover from the extremely low productivity of 1970 - 1977. Only 10 adults were seen and there was almost no sign of caribou on the traditional winter ranges. The 1980 population of adult Peary caribou on those islands is estimated to number 634

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:591.543.4
(*430)

CARIBOU: MIGRATION

Card no. 1526

<u>PROJECT TITLE:</u>	BONNET PLUME CARIBOU INVENTORY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon
<u>PROJECT UNDERTAKEN BY:</u>	Government of Yukon Territory, Game Branch
<u>RESEARCH CO-ORDINATOR:</u>	Don Russell, Government of the Yukon Territory
<u>FINANCIAL SUPPORT:</u>	Territorial Government and Industry
<u>PURPOSE:</u>	To document herd populations and migration behaviour in the Bonnet Plume Basin
<u>METHODOLOGY:</u>	Aerial reconnaissance and tagging
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	1981
<u>CONTACT:</u>	Dr. W.J. Stephen Pan Ocean Oil Ltd. Bag 2533, Station "M" Calgary, Alberta T2P 2M7

599.735.3:
591.543.4
(*464.8)

CARIBOU: MIGRATION

Card no. 1684

<u>PROJECT TITLE:</u>	EXPERIMENTAL USE OF AERIAL PHOTOGRAPHY FOR CENSUSING BARREN-GROUND CARIBOU
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Bathurst caribou herd calving ground
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	B. Stephenson, Government of the Northwest Territories
<u>RESEARCHER(S):</u>	D. Heard
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To determine the efficacy of using aerial photography for censusing caribou on calving grounds
<u>METHODOLOGY:</u>	Aerial stereo photographs were taken at a scale of 1:6000 on black and white 9X9 inch Plus-X. aerographic film. Counts (not completed) were made from contact prints at 4x magnification
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	1981
<u>CONTACT:</u>	D. Heard Wildlife Service Department of Renewable Resources Government of the Northwest Territories Yellowknife, Northwest Territories X1A 2L9 Tel.: (403) 873-7775

599.735.3:
591.543.4
(*450)

CARIBOU: MIGRATION

Card no. 1686

<u>PROJECT TITLE:</u>	BEHAVIOUR OF MIGRATORY BARREN-GROUND CARIBOU AT CROSSING SITES ON THE THELON RIVER SYSTEM, NORTHWEST TERRITORIES		
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Thelon River System, District of Keewatin, Northwest Territories		
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service		
<u>RESEARCH CO-ORDINATOR:</u>	A. Gunn, Government of the Northwest Territories		
<u>RESEARCHER(S):</u>	F.L. Miller and A. Gunn		
<u>FINANCIAL SUPPORT:</u>	Territorial Government and Federal Government		
<u>PURPOSE:</u>	To evaluate the Caribou Protection Measures that were enacted to separate activities of exploration companies and barren-ground caribou at traditional water-crossing sites. To understand how, and if possible, why caribou use such traditional areas. Implicit in the collection of those data is the development and design of sampling methods to allow quantified objective descriptions of caribou behaviour at those sites		
<u>METHODOLOGY:</u>	Caribou behaviour will be described at water-crossings by direct observation and use of Super-8 films. The observers will be 2- person teams placed by boat or aircraft before the caribou approach. Caribou use of ice-crossings during spring migration will be compared to use of open-water crossing sites		
<u>PROJECT BEGUN:</u>	1980		
<u>ANTICIPATED COMPLETION:</u>	1983		
<u>CONTACT:</u>	Anne Gunn Wildlife Service Department of Renewable Resources Yellowknife, Northwest Territories X1A 2L9 Tel.: (403) 873-7760	or	F.L. Miller Research Scientist Canadian Wildlife Service 1000-9942-108th Street Edmonton, Alberta T5K 3J5

599.735.3:
591.543.4
(*440)

CARIBOU: MIGRATION

Card no. 1687

<u>PROJECT TITLE:</u>	AN INVESTIGATION OF SOME POTENTIAL EFFECTS OF ROADS ON BARREN-GROUND CARIBOU IN THE NORTHWEST TERRITORIES		
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Gordon Lake winter road, north of Yellowknife, Northwest Territories		
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service		
<u>RESEARCH CO-ORDINATOR:</u>	Anne Gunn, Government of the Northwest Territories		
<u>RESEARCHER(S):</u>	F.L. Miller and K. Jingfors		
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government		
<u>PURPOSE:</u>	To obtain baseline data on the effects of road traffic and road related activities on caribou, it will be necessary to make detailed observations on the distributions of caribou wintering in the vicinity of the road and evaluate suitable techniques		
<u>METHODOLOGY:</u>	Techniques will be fixed-wing and helicopter survey of replicated blocks and ground survey by snowmobile		
<u>PROJECT BEGUN:</u>	1981		
<u>ANTICIPATED COMPLETION:</u>	1981		
<u>CONTACT:</u>	K. Jingfors Wildlife Service Department of Renewable Resources Government of the Northwest Territories Yellowknife, Northwest Territories X1A 2L9	or	F.L. Miller Research Scientist Canadian Wildlife Service 1000 - 9942 - 108th Street Edmonton, Alberta T5K 2J5

599.735.3:591.16
(*440)

CARIBOU: REPRODUCTION

Card no. 1498

PROJECT TITLE: RELATIONSHIP BETWEEN PREGNANCY INCIDENCES AND FAT RESERVES OF PEARY CARIBOU IN ARCTIC CANADA

GEOGRAPHIC LOCATION OF PROJECT: Western Queen Elizabeth Islands, Somerset Island, Prince of Wales Island and Boothia Peninsula, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE: To establish the relationship between pregnancy incidences and the level of fat reserves

METHODOLOGY:

- Collection of samples from caribou shot by native hunters each March - April 1974 - 1977
- Measurement of fat reserves in the marrow, internally and subcutaneously

FINDINGS: A very close relationship existed between age-specific pregnancy incidences and the levels of fat in March - April. Caribou with poor stores of fat ceased to reproduce whereas all the females with excellent fat reserves were pregnant

PROJECT BEGUN: 1974

ANTICIPATED COMPLETION: 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:551.32:59
(*465.3)(*465.5)

CARIBOU: SNOW/ICE FEEDING CONDITIONS

Card no. 1443

PROJECT TITLE: SPRINGTIME SNOW-ICE CONDITIONS AND THEIR RELATIONS
TO SPRINGTIME FEEDING STRATEGY OF PEARY CARIBOU

GEOGRAPHIC
LOCATION OF
PROJECT: Somerset Island and Prince of Wales Island, Canadian Arctic Archipelago

PROJECT
UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH
CO-ORDINATOR: Frank L. Miller, Canadian Wildlife Service

RESEARCHER(S): Frank L. Miller

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To gain insight into how Peary caribou cope with prevailing spring snow and ice conditions on their ranges. To further evaluate the environmental stress imposed by springtime ground fast icing on foraging sites, especially during calving and shortly thereafter, in some years, during the early stages of lactation by maternal cows. The information will allow a better understanding of the observed variations in the success of calf crops; and in some years, marked increases in adult mortality or failure of mature cows to breed or produce viable young in subsequent years

METHODOLOGY: Direct observation of feeding caribou; marking springtime feeding craters and/or feeding areas on bare ground; measuring snow cover; and accumulation of ground fast ice at the snow cover-ground surface interface

PROJECT
BEGUN: 1979

ANTICIPATED
COMPLETION: 1980

CONTACT: Frank L. Miller
Canadian Wildlife Service
Western and Northern Region
Environment Canada
1000, 9942-108 Street
Edmonton, Alberta T5K 2J5
Tel.: (403) 435-7246

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no 1615

<u>PROJECT TITLE:</u>	PHYSIOLOGICAL ASSESSMENT OF MAN'S PERFORMANCE IN COLD ENVIRONMENTS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada North of 60°
<u>PROJECT UNDERTAKEN BY:</u>	Department of National Defence
<u>RESEARCHER(S):</u>	C.L. Allen Defence and Civil Institute of Environmental Medicine
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To detect and measure physiological changes in man exposed to cold environments
<u>PROJECT BEGUN:</u>	1950
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	C.L. Allen Defence and Civil Institute of Environmental Medicine P.O. Box 2000 Downsview, Ontario M3M 3B9

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no. 1617

<u>PROJECT TITLE:</u>	HEAT FLOW IN AN ARCTIC TENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada North of 60°
<u>PROJECT UNDERTAKEN BY:</u>	Department of National Defence
<u>RESEARCH CO-ORDINATOR:</u>	L.D. Reed, Environmental Protection Section, Department of National Defence
<u>RESEARCHER(S):</u>	B. Farnworth and R.J. Osczevski
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To determine the heat flow mechanisms which operate inside heated Arctic Tentage in order to gain information relevant to the design of new tentage with improved thermal efficiency
<u>METHODOLOGY:</u>	Controlled laboratory measurement of internal temperature, ventila- tion requirements of different tentage, computer analysis, design of tentage to optimize parameters
<u>FINDINGS:</u>	False ceilings, floor (input) ventilation, liner material, tent shapes, types of heaters, external environment, etc. contribute to observed heat flow in a given tent
<u>PROJECT BEGUN:</u>	January 1977
<u>ANTICIPATED COMPLETION:</u>	1982
<u>CONTACT:</u>	L.D. Reed Environmental Protection Section Defence Research Establishment Ottawa, Ontario Tel.: (613) 596-9289

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no. 1618

PROJECT TITLE: PHYSICAL PROTECTION AGAINST NATURAL ENVIRONMENTS:
COLD-WEATHER PROTECTIVE CLOTHING

GEOGRAPHIC
LOCATION OF
PROJECT: Canada North of 60°

PROJECT
UNDERTAKEN BY: Department of National Defence

RESEARCH
CO-ORDINATOR: L.R. Reed

RESEARCHER(S): R.J. Osczevski

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To design a light-weight clothing system which will provide a higher level of protection against Arctic climate during sedentary activities as compared to the standard Canadian Forces clothing system. In addition the new system will more readily permit variation of thermal insulation in response to changes in temperature or work rate

METHODOLOGY: Computer modeling of clothing design parameters, design and construction of prototypes, laboratory testing (cold chamber), field evaluations

FINDINGS: A system incorporating a face protector, insulated trousers and a two light-weight parka system using new insulating materials has promise

PROJECT
BEGUN: January 1978

ANTICIPATED
COMPLETION: 1982

CONTACT: L.D. Reed
Environmental Protection Section
Defence Research Establishment
Ottawa, Ontario
Tel.: (819) 596-9289

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no. 1619

<u>PROJECT TITLE:</u>	COLD INJURY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada North of 60°
<u>PROJECT UNDERTAKEN BY:</u>	Department of National Defence
<u>RESEARCH CO-ORDINATOR:</u>	L.A. Kuehn, Defence and Civil Institute of Environmental Medicine
<u>RESEARCHER(S):</u>	J. Frim
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To improve understanding of the etiology and treatment of frostbite
<u>METHODOLOGY:</u>	A literature survey will be carried out to assess the current state of knowledge regarding the cause and treatment of frostbite
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	J. Frim Defence and Civil Institute of Environmental Medicine Department of National Defence P.O. Box 2000 Downsview, Ontario M3M 3B9

711.4
(*427)

COMMUNITY PLANNING

Card no. 1440

<u>PROJECT TITLE:</u>	BEAUVAL COMMUNITY PLANNING STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Beauval, Northern Saskatchewan
<u>PROJECT UNDERTAKEN BY:</u>	University of Saskatchewan, Institute for Northern Studies
<u>RESEARCH CO-ORDINATOR:</u>	Robert Bone, University of Saskatchewan
<u>RESEARCHER(S):</u>	Laurent Mougeot and Merv Hey
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To develop a town plan for Beauval Community
<u>METHODOLOGY:</u>	A program of mapping the present land use was the first step. Then a series of interviews and public meetings provided an idea of the perceived needs. Against this background, the performance of neighbour communities was considered. Finally a development plan was developed in conjunction with the local council
<u>FINDINGS:</u>	A ten-year development plan for the community of Beauval
<u>PROJECT BEGUN:</u>	November 1978
<u>ANTICIPATED COMPLETION:</u>	Completed
<u>CONTACT:</u>	Robert M. Bone Institute for Northern Studies University of Saskatchewan Saskatoon, Saskatchewan S7N 0W0 Tel.: (306) 343-4316

711 4
(*41 N)

COMMUNITY PLANNING

Card no. 1692

<u>PROJECT TITLE:</u>	AN INTEGRATED DESIGN APPROACH TO SETTLEMENT PLANNING IN THE ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of Edinburgh, School of the Built Environment, Department of Architecture
<u>RESEARCH CO-ORDINATOR:</u>	L.R. Zrudlo
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To formulate a planning model for the design of Arctic settlements
<u>METHODOLOGY:</u>	Analysis of existing and historical precedents in Arctic housing and settlements. Formulation of a planning model testing the model with a hypothetical case study
<u>PROJECT BEGUN:</u>	September 1976
<u>ANTICIPATED COMPLETION:</u>	September 1981
<u>CONTACT:</u>	University of Edinburgh School of the Built Environment Department of Architecture 22 Chambers Street Edinburgh Scotland United Kingdom EH1 1JZ

COMMUNITY PLANNING

Card no. 1694

PROJECT TITLE: INUVIK GENERAL DEVELOPMENT PLAN REVIEW AND PREPARATION OF GENERAL PLAN AND ZONING BY-LAWS

GEOGRAPHIC LOCATION OF PROJECT: Inuvik, Northwest Territories

PROJECT UNDERTAKEN BY: Underwood McLellan Ltd.

RESEARCH CO-ORDINATOR: H.J. Gerein, Underwood McLellan Ltd.

RESEARCHER(S): H.K. Kang and B.C. Grieco

FINANCIAL SUPPORT: Town of Inuvik

PURPOSE: To review Inuvik general development plan and prepare general plan and zoning by-laws

METHODOLOGY:

- (a) problem definition
- (b) inventory and analysis
 - population, vegetation, regional factors, existing land use, transportation
- (c) alternate designs and evaluation
- (d) recommended solution
- (e) preparation of implementation by-laws, five year capital works program

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: June 1981

CONTACT: H.J. Gerein,
Senior Planner
Underwood McLellan Ltd.
17007 - 107th Avenue
Edmonton, Alberta
T5S 1G3
Tel.: 483-7722

061.3:333.32
(*440)

CONFERENCE: HOUSING PROGRAMS

Card no. 1480

<u>PROJECT TITLE:</u>	WESTERN ARCTIC HOUSING CONFERENCE PROPOSAL FOR THE NORTHWEST TERRITORIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Northwest Territories Housing Corporation
<u>RESEARCH CO-ORDINATOR:</u>	K. Ganong
<u>RESEARCHER(S):</u>	G. Forrest
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To promote better understanding of housing programs and to develop consistent guidelines and procedures for program delivery for many people in the Northwest Territories who are unaware or misinformed as to the role of Central Mortgage and Housing Corporation and Northwest Territories Housing Corporation. The conference was held December 4 - 8, 1978 in Hay River
<u>METHODOLOGY:</u>	Conference
<u>ANTICIPATED COMPLETION:</u>	September 1979
<u>REPORTS AND PUBLICATIONS:</u>	<u>Western Arctic and Mackenzie Housing Conference, Hay River, NWT, 1978.</u> Northwest Territories Housing Corporation, 1979
<u>CONTACT:</u>	Northwest Territories Housing Corporation P.O. Box 2100 Yellowknife, Northwest Territories X1A 2P6

061.3:333.32
(*440)

CONFERENCE: HOUSING PROGRAMS

Card no. 1481

PROJECT TITLE: ARCTIC AND KEEWATIN HOUSING CONFERENCES

GEOGRAPHIC
LOCATION OF
PROJECT: Central Arctic, Keewatin Regions

PROJECT
UNDERTAKEN BY: Northwest Territories Housing Corporation

RESEARCH
CO-ORDINATOR: E. Schnnitzler

RESEARCHER(S): G. Forrest

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To create a climate for exchange of information, a working knowledge of existing housing programs and their benefit to communities, to avoid duplication between Northwest Territories Housing Corporation and other housing associations. To utilize energy and funds of other organizations. To ensure participants administer program designed for their use

METHODOLOGY: Conference

ANTICIPATED
COMPLETION: June 1980

REPORTS AND
PUBLICATIONS: Keewatin Housing Conference, Rankin Inlet, N.W.T., 1979, Central Arctic Housing Conference, Cambridge Bay, N.W.T., 1979.
Northwest Territories Housing Corporation, 1980

CONTACT: Northwest Territories Housing Corporation
P.O. Box 2100
Yellowknife, Northwest Territories
X1A 2P6

COOPERATIVES: FISHING INDUSTRY: RESOURCE MANAGEMENT

Card no. 1517

<u>PROJECT TITLE:</u>	RESOURCES MANAGEMENT, SOCIO-ECONOMIC DEVELOPMENT, AND THE PACIFIC NORTH COAST NATIVE COOPERATIVE: A CASE STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Port Simpson, Prince Rupert, Victoria, Vancouver, Kincolith and Ahousat, British Columbia
<u>PROJECT UNDERTAKEN BY:</u>	University of Waterloo, Geography Department
<u>RESEARCHER(S):</u>	Dianne Draper, University of Waterloo
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To provide a history of the Cooperative organization, development and operation as a socio-economic change program. To evaluate the outcomes of the Pacific North Coast Native Cooperative Indian Fishing cannery at Port Simpson, British Columbia. To consider the implications of the Port Simpson project for British Columbia fishery management and resources management research
<u>METHODOLOGY:</u>	Consultation of federal and provincial government documents and interviews with government politicians and officials, Indian Directors of the Cooperatives, Indian fishermen and shoreworkers and industry representatives
<u>FINDINGS:</u>	The major implications of this research include the need for (a) a comprehensive, coordinated federal-provincial approach to fisheries, (b) formal establishment of social policy regarding the role of Indians in the fishery, (c) the involvement of all parties in the decision-making process associated with fisheries management, and (d) shifts in emphasis on fish stocks presently utilized and the development of strategically located small processing operations
<u>PROJECT BEGUN:</u>	1974
<u>ANTICIPATED COMPLETION:</u>	1977

REPORTS AND
PUBLICATIONS:

Resources Management Socio-economic Development, and the
Pacific North Coast Native Cooperative: a case study, University
of Waterloo, Ph.D. dissertation, 1977

CONTACT:

Dianne Draper
Geography Department
Memorial University
St. John's, Newfoundland
A1B 3X9

595.3:577.4
(*41N)

CRUSTACEA: ECOLOGY

Card no. 1505

<u>PROJECT TITLE:</u>	POND CRUSTACEA FROM BATHURST ISLAND, NORTHWEST TERRITORIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Arctic Islands
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Natural Sciences, Invertebrate Zoology Division
<u>RESEARCHER(S):</u>	Ian Sutherland
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To discover what organisms are present, and to describe as far as possible their life history and ecology in the sensitive environment of the high Arctic
<u>METHODOLOGY:</u>	Weekly samples taken from several ponds in the vicinity of the National Museum of Natural Sciences field station
<u>PROJECT BEGUN:</u>	1974
<u>ANTICIPATED COMPLETION:</u>	1982
<u>CONTACT:</u>	Ian Sutherland Invertebrate Zoology Division National Museum of Natural Sciences Ottawa, Ontario K1A 0M8 Tel.: 996-1690

355.457:341.223
(*41N)

DEFENCE, CANADA: ARCTIC SOVEREIGNTY

Card no. 1417

PROJECT TITLE: THE ARCTIC AND FUTURE CANADIAN SECURITY POLICY

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 68°;
Specific field work in addition to the above: Yellowknife, Whitehorse, Ottawa, Calgary

PROJECT UNDERTAKEN BY: University of British Columbia, Institute of International Relations

RESEARCH CO-ORDINATOR: W. Harriet Critchley, University of British Columbia

RESEARCHER(S): W. Harriet Critchley

FINANCIAL SUPPORT: Federal Government and university

PURPOSE: To conduct a major strategic studies research project which focuses on the changing strategic value of the Canadian High Arctic
The main elements in such a change are recent development in international law, in energy-related resources and in military technology

METHODOLOGY: Analysis of documents and other written material related to the three main elements; interviews with a variety of Arctic experts and northern residents; several tours of the High Arctic

PROJECT BEGUN: September 1976

ANTICIPATED COMPLETION: September 1981

REPORTS AND PUBLICATIONS: Canadian Security Policy in the Arctic: The Context for the Future, Ottawa, Canadian Arctic Resources Committee, 1979, by Critchley, W.H.

CONTACT: Dr. W. Harriet Critchley
Institute of International Relations
University of British Columbia
Vancouver, B.C. V6T 1W5
Tel.: (604)228-5480

312:39
(*424.1)

DEMOGRAPHY: INUIT

Card no. 1510

<u>PROJECT TITLE:</u>	DEMOGRAPHIC SITUATION OF THE NOUVEAU-QUÉBEC INUIT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Université de Montréal, Département de Démographie
<u>RESEARCH CO-ORDINATOR:</u>	Norbert Robitaille, Université de Montréal
<u>RESEARCHER(S):</u>	Robert R. Bourdeau
<u>FINANCIAL SUPPORT:</u>	Federal Government and Private Foundations
<u>PURPOSE:</u>	To analyse the demographic components of the Inuit population increase in Nouveau-Québec
<u>METHODOLOGY:</u>	Demographic analysis of partial statistics
<u>PROJECT BEGUN:</u>	September 1980
<u>ANTICIPATED COMPLETION:</u>	1982
<u>CONTACT:</u>	Norbert Robitaille Département de Démographie Université de Montréal C.P. 6128, succursale "A" Montréal, Québec H3C 3J7 Tel.: 343-6615

616.314:362.7
(*425)

DENTISTRY: CHILDREN

Card no. 1446

PROJECT TITLE: PREVENTIVE DENTAL PROGRAM FOR PRE-SCHOOL CHILDREN
AND THEIR MOTHERS

GEOGRAPHIC
LOCATION OF
PROJECT: Kenora, Fort Frances, Dryden, Northwestern Ontario

PROJECT
UNDERTAKEN BY: Northwestern Health Unit

RESEARCH
CO-ORDINATOR: Dr. L.W. Armstrong, Northwestern Health Unit

RESEARCHER(S): Dr. L.W. Armstrong

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To determine if the generally poor dental health of pre-school children can be improved. Mothers, in co-operation with Public Health dental and nursing staff, will be actively involved at regular intervals, pre-and post-natally in the development of their own and their children's preventive dental behaviour. This study will also determine: (a) whether such a program as administered by a public health unit staff is practically feasible, (b) the direct and indirect costs of such a program in relation to its effect, (c) whether such a program results in altered knowledge (and action) on the part of the parent(s)

METHODOLOGY: The project will involve random selection of study and control mothers giving birth to children in the hospitals of three major communities in the Northwestern Health Unit of Ontario. Each study mother will be involved soon after the birth of her child and at regular intervals thereafter in a comprehensive dental health education and preventive program, for herself and her child, including at appropriate ages direct application of topical fluorides to the children's teeth. The dental health study and control children will be evaluated at kindergarden entrance

PROJECT
BEGUN: July 1976

ANTICIPATED
COMPLETION:

August 1981

CONTACT:

Dr. L.W. Armstrong
Dental Director
Northwestern Health Unit
15 Ocean Avenue West
R.R. No. 1,
Kenora, Ontario
P9N 3W7
Tel.: (807) 468-3147

330.02
(*423)

DEVELOPMENT, ECONOMIC

Card no. 1426

<u>PROJECT TITLE:</u>	UNDERDEVELOPMENT IN WESTERN LABRADOR
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University, Department of Sociology
<u>RESEARCH CO-ORDINATOR:</u>	J.D. House, Memorial University
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To test dependency model against reality of Western Labrador
<u>METHODOLOGY:</u>	Secondary analysis; interviews
<u>PROJECT BEGUN:</u>	Summer 1980
<u>ANTICIPATED COMPLETION:</u>	Summer 1981
<u>CONTACT:</u>	J.D. House Department of Sociology Memorial University St. John's, Newfoundland A1B 3X8 Tel.: (709) 753-1200 Ext. 3422

598.412:591.543.4
(*622)

DUCKS: MIGRATION

Card no. 1573

<u>PROJECT TITLE:</u>	A PROGRAM OF RESEARCH ON THE LOCATION, ECOLOGY AND NESTING POPULATION OF EIDER DUCKS IN THE INUIT TERRITORY OF NORTHERN QUEBEC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Ungava Bay, Northern Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Makivik Corporation and the Canadian Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	William Kemp, Makivik Corporation
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To improve the present state of knowledge about the eider duck population that is seasonally resident along the coastal zone of Quebec north of the 55th parallel
<u>METHODOLOGY:</u>	Field census in selected areas. Mapping of Inuit knowledge and use of eider ducks. All work will be jointly carried out by Inuit and southern scientific personnel
<u>PROJECT BEGUN:</u>	Spring 1980
<u>ANTICIPATED COMPLETION:</u>	March 31, 1981
<u>CONTACT:</u>	William Kemp or Lorraine Brooke Makivik Corporation 4898 de Maisonneuve West Montreal, Quebec Tel.: (514) 483-2780

591.5
(*464.8)

ECOLOGY, ANIMAL

Card no. 1506

PROJECT TITLE: BEHAVIOURAL ADAPTATION OF ANIMALS TO HIGH ARCTIC ENVIRONMENT

GEOGRAPHIC LOCATION OF PROJECT: Bathurst Island, Northwest Territories

PROJECT: UNDERTAKEN BY: National Museum of Natural Sciences

RESEARCH CO-ORDINATOR: S.D. MacDonald, National Museum of Natural Sciences

RESEARCHER(S): S.D. MacDonald and researchers based at the High Arctic Research Station of the National Museum of Natural Sciences

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate behavioural adaptations of animals to their high Arctic environments

METHODOLOGY: Multi-method

PROJECT BEGUN: May 1968

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: The Ivory Gull (*Pagophila eburnea* (Phipps)) in Canada: a status report. National Museum of Natural Sciences, 20 p. 1978 by MacDonald, S.D.
For complete list of publications contact S.D. MacDonald

CONTACT: S.D. MacDonald
National Museum of Natural Sciences
2379 Holly Lane
Ottawa, Ontario
K1A 0M8
Tel.: (613) 998-4141

ECONOMIC DEVELOPMENT: COMMUNITY DEVELOPMENT

Card no. 1651

PROJECT TITLE: BUSINESS AND COMMUNITY SURVEYS

GEOGRAPHIC LOCATION OF PROJECT:

- a) Thompson, Lynn Lake, Leaf Rapids, Gillam and Wabowden
- b) Le Pas and neighbouring communities including Hudson Bay and Cumberland House
- c) Flin Flon and neighbouring communities

PROJECT UNDERTAKEN BY: Manitoba Department of Economic Development and Tourism

RESEARCH CO-ORDINATOR: Michael Basford

RESEARCHER(S): Michael Basford

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: The Community Commercial Development program is intended to provide help to communities in planning commercial development; to provide better service to existing customers; to open new areas of service and to plan new or improved commercial facilities. These three surveys are part of Phase I, the data collection and analysis phase of the program. Responses concerning significant local development planning issues and social, recreational and educational programs and facilities are also elicited, in addition to the purely commercial services

METHODOLOGY: Randomly sampled, mail questionnaire with mail follow-up reminders and post-paid returns. (Average 36% response rate based on deliverable questionnaires)

FINDINGS: Responses from "isolated" and/or largely native communities are limited and in some instances of doubtful representativeness, hence the results apply mainly to the urban-industrial mid-north

PROJECT BEGUN: February 1980

ANTICIPATED COMPLETION: December 1981

REPORTS AND
PUBLICATIONS:

- Thompson and Area Business and Community Survey, Thompson Chamber of Commerce, January 1981
- The Pas and Area Business and Community Survey, The Pas, January 1981

CONTACT:

President
Thompson Chamber of Commerce
Postal Box 567
Thompson, Manitoba

330.02:312:31
(*430)

ECONOMIC DEVELOPMENT: DEMOGRAPHY: STATISTICS

Card no. 1541

<u>PROJECT TITLE:</u>	YUKON ECONOMIC REVIEW
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Communities in Yukon
<u>PROJECT UNDERTAKEN BY:</u>	Government of Yukon, Economic Development and Strategic Planning Unit
<u>RESEARCH CO-ORDINATOR:</u>	Kate Walton, Dianne Oppen, Government of Yukon
<u>RESEARCHER(S):</u>	Kate Walton, Dianne Oppen, and contract employees
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To provide a review of the economic activity in the territory specifically in the areas of labour force, rent, real estate and price activity. The report will be released on a quarterly basis with contents of the report providing a summary of all information published in the past in individual reports
<u>PROJECT BEGUN:</u>	1976
<u>ANTICIPATED COMPLETION:</u>	November 1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>Yukon Economic Review</u> , Government of the Yukon, November 1980
<u>CONTACT:</u>	Kate Walton or Dianne Oppen Economic Development and Strategic Planning Unit Government of the Yukon Box 2703 Whitehorse, Yukon Y1A 2C6 Tel.: (403) 667-5461

330.02:622.341:551.4
(*424)

ECONOMIC DEVELOPMENT:
IRON ORE INDUSTRY: GEOGRAPHY

Card no. 1542

<u>PROJECT TITLE:</u>	GEOGRAPHIC AND SOCIO-ECONOMIC PERSPECTIVES ON THE COMMUNITIES AND THE SCHEFFERVILLE IRON-ORE INDUSTRY REGION IN QUEBEC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Quebec
<u>PROJECT UNDERTAKEN BY:</u>	McGill University, Geography Department
<u>RESEARCH CO-ORDINATOR:</u>	John Bradbury, McGill University
<u>RESEARCHER(S):</u>	I. St. Martin, L. Jackson, C. Dufour, M. Thompson-Marcotte, M. Portnoff
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To investigate economic development crises and geographic situations in the communities and the Schefferville iron-ore industry region in Quebec
<u>METHODOLOGY:</u>	Questionnaire in town of Schefferville, data collection in government documents and other primary and secondary sources
<u>PROJECT BEGUN:</u>	June 1980
<u>ANTICIPATED COMPLETION:</u>	1983
<u>REPORTS AND PUBLICATIONS:</u>	"Towards an alternative theory of resource-based town development in Canada" (case study - Schefferville, Quebec), Economic Geography, Vol. 55, no. 2, April, 1979. pp. 147-166, by J.H. Bradbury
<u>CONTACT:</u>	J.H. Bradbury Department of Geography McGill University 805 Sherbrooke Street West Montreal, Quebec H3A 2K6 Tel.: (514) 392-4718

EDUCATION

Card no. 1663

<u>PROJECT TITLE:</u>	A HUMAN RESOURCES DEVELOPMENT PROJECT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Fort Chipewyan, Fort Vermilion, Little Red River (three Communities of Fox Lake, Jean D'or Prairie, and Garden River), Atikameg Wabasca-Desmarais, Slave Lake and Lac La Biche
<u>PROJECT UNDERTAKEN BY:</u>	Education North, Alberta Education
<u>RESEARCH CO-ORDINATOR:</u>	H. Sherk, Chairman, Minister's Advisory Committee for Education North
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To effect an improvement of the educational service in Northern communities through increased participation of the local community and its residents in various processes of education delivery
<u>METHODOLOGY:</u>	The development of funded local societies composed of parents and teachers. Each society identifies the educational needs within the school and and/or community. The society then outlines a plan of activities to attend to the needs and attempts to carry out the activities. A provincial agent acts as monitor and consultant to the process
<u>PROJECT BEGUN:</u>	Fall 1978
<u>ANTICIPATED COMPLETION:</u>	August 1982
<u>REPORTS AND PUBLICATIONS:</u>	<u>First Annual Report: Education North Evaluation Report., Alberta Education, Spring 1981</u>
<u>CONTACT:</u>	David G. Young Coordinator Education North Box 1500 Provincial Building High Prairie, Alberta T0G 1E0

37:
791.44:551.4
(*41N)(*38)

EDUCATION: DOCUMENTARY MATERIAL: GEOGRAPHY

Card no. 1539

<u>PROJECT TITLE:</u>	MAN IN THE ARCTIC AND SUBARCTIC REGIONS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Nouveau-Québec and Greenland
<u>PROJECT UNDERTAKEN BY:</u>	Université Laval, Centre d'études nordiques
<u>RESEARCH CO-ORDINATOR:</u>	Benoît Robitaille, Université Laval
<u>FINANCIAL SUPPORT:</u>	Provincial Government and French Government
<u>PURPOSE:</u>	To produce a multi-media set of documents on the Arctic and Subarctic regions (films, slides, photography and written material) for the High School geography classes in Quebec and France
<u>PROJECT BEGUN:</u>	March 1979
<u>ANTICIPATED COMPLETION:</u>	December 1981
<u>CONTACT:</u>	Benoît Robitaille Centre d'études nordiques Université Laval Ste-Foy, Québec Tel.: (418) 656-3453

37:577.4
(*427)

EDUCATION: ECOLOGY

Card no. 1664

<u>PROJECT TITLE:</u>	THE FOREST ECOLOGY OF NORTHERN SASKATCHEWAN
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern half of the province of Saskatchewan
<u>PROJECT UNDERTAKEN BY:</u>	Department of Northern Saskatchewan
<u>RESEARCH CO-ORDINATOR:</u>	David Thompson, Department of Northern Saskatchewan
<u>RESEARCHER(S):</u>	David Henry
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To provide northern school children at the Division 1, 2 and 3 levels (K-Grade 9) with a science unit focusing on their immediate physical environment
<u>METHODOLOGY:</u>	Information collected by the researcher through library and field activities will be transformed by Program Development Personnel into appropriate learning activities
<u>PROJECT BEGUN:</u>	December 1, 1980
<u>ANTICIPATED COMPLETION:</u>	August 31, 1981
<u>CONTACT:</u>	David Thompson Department of Northern Saskatchewan Program Development Coordinator Box 5000 La Ronge, Saskatchewan S0J 1L0 Tel.: (306) 425-4310

37:711.1
(*41N)

EDUCATION: ISOLATED COMMUNITIES

Card no. 1465

<u>PROJECT TITLE:</u>	DISTANCE EDUCATION FOR ISOLATED RESERVES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Saskatchewan and Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of Saskatchewan, Faculty of Continuing Education
<u>RESEARCH CO-ORDINATOR:</u>	Andy Tamas, University of Saskatchewan
<u>RESEARCHER(S):</u>	Andy Tamas
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To identify persons or agencies in the communities who were capable of acting in an adjunct or "Proctor" role in a structure of distance education designed to serve the learning needs of northern students, and to define some other aspects of this distance education structure
<u>METHODOLOGY:</u>	Combination of adult education, community development, applied anthropology and system theory, with data generated through field interviews and literature review
<u>FINDINGS:</u>	Individuals and/or groups in rural/isolated communities can be incorporated as adjuncts or "Proctors" in various roles in an appropriately-designed distance education structure
<u>PROJECT BEGUN:</u>	1977
<u>ANTICIPATED COMPLETION:</u>	1978, Ms Ed. Thesis
<u>CONTACT:</u>	Andy Tamas Coordinator of Community Education Government of Yukon Whitehorse, Yukon

EDUCATION: NATIVE PEOPLE

Card no. 1706

<u>PROJECT TITLE:</u>	SELF-CONCEPT AND ACADEMIC ACHIEVEMENT: A STUDY OF FOUR COMMUNITIES IN LABRADOR
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Nain, North West River, Sheshatshit and West Ste. Modeste, Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Institute for Research in Human Abilities
<u>RESEARCH CO-ORDINATOR:</u>	Carl J. Bognar, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	Jean Blake
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	<p>To determine suitability of self-concept scale for use with native students.</p> <p>To determine if community structure and composition can be related to differences in self-concept.</p> <p>To determine if there is a relationship between academic achievement and self-concept</p>
<u>METHODOLOGY:</u>	Administration of standardized achievement tests and Tennessee Self Concept Scale to all Grades 7 and 8 students in four communities
<u>FINDINGS:</u>	<p>There are significant differences in the measured self-concept of students in the four communities; however, reading achievement is a significant predictor of scores on many of the subscales. Therefore, the meaning of self-concept differences is not clear. Self-concept could not be related to differences in community structure and composition</p>
<u>PROJECT BEGUN:</u>	April 1980
<u>ANTICIPATED COMPLETION:</u>	October 1980

REPORTS AND
PUBLICATIONS:

"Self-concept and native identity: A comparison of four communities in Labrador". In: Journal of American Indian Education, 1981

CONTACT:

Carl J. Bognar
Institute for Research in Human Abilities
Memorial University of Newfoundland
St. John's, Nfld. A1B 3X8
Tel.: (709) 737-8656/737-8311

EDUCATION: NUTRITION: HEALTH

Card no. 1693

PROJECT TITLE: EVALUATION OF SCHOOL NUTRITION/HEALTH PROGRAM

GEOGRAPHIC LOCATION OF PROJECT: Northern Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Faculty of Human Ecology, Department of Foods and Nutrition

RESEARCH CO-ORDINATOR: Dr. G.P. Sevenhuysen, University of Manitoba

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To determine the effect of the work of nutrition/health advisors on selected indicators of nutrition knowledge and behaviour of students at school as well as community members

METHODOLOGY: Over a two year period, activities of the nutrition and health program of the Frontier School Division No. 48 will be monitored. Baseline data (including food consumption and serum retinol) will be collected in six communities. Three communities will act as controls. Identical data collection is planned two years after the first collection to assess changes that have taken place

PROJECT BEGUN: February 1981

ANTICIPATED COMPLETION: December 1983

CONTACT: Dr. G.P. Sevenhuysen
Department of Foods and Nutrition
Faculty of Human Ecology
University of Manitoba
Winnipeg, Manitoba
R3T 2N2
Tel.: (204) 474-9554

37:371/373:371.214
(*440) (*424.1) (*423)

EDUCATION: SCHOOLS: CURRICULUM

Card no. 1681

PROJECT
TITLE:

NORTHERN SCHOOL SURVEY

GEOGRAPHIC
LOCATION OF
PROJECT:

Northwest Territories, Northern Quebec and Labrador

PROJECT
UNDERTAKEN BY:

Nortext Information Design Ltd.

RESEARCH
CO-ORDINATOR:

Michael Roberts, Editor of Iglaaq

FINANCIAL
SUPPORT:

Iglaaq newspaper

PURPOSE:

To arrive at some (informal) statistics on what northern students think about education, how they relate to both Inuktitut and English languages, and what kind of career expectations they have

METHODOLOGY:

Questionnaires were distributed throughout the North via Iglaaq and students and/or teachers voluntarily completed them and returned them to Nortext

PROJECT
BEGUN:

September 1980

ANTICIPATED
COMPLETION:

1981

REPORTS AND
PUBLICATIONS:

Ilisarniq, education supplement to Iglaaq, by Nortext Information Design, Ltd., February 5, 1981

CONTACT:

Beverley Howard
Social and Cultural Division
Department of Indian and
Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9660

or

Michael Roberts
Nortext Information
Design Ltd.
Suite 201
2910 Carling Avenue
Ottawa, Ontario
K2B 7S7

620.911
(*41N)

ENERGY, DOMESTIC

Card no. 1487

<u>PROJECT TITLE:</u>	EXPENDITURES AND CONSUMPTION FOR DOMESTIC ENERGY IN NORTHERN CANADA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	Walter Marquis
<u>RESEARCH CO-ORDINATOR:</u>	M. Whitaker, Central Mortgage and Housing Corporation
<u>RESEARCHER(S):</u>	Walter Marquis
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To document expenditures and consumption for domestic energy in Northern Canada using information supplied by Central Mortgage and Housing Corporation. Develop existing models
<u>ANTICIPATED COMPLETION:</u>	January 1980
<u>CONTACT:</u>	Walter Marquis 431-C Woodfield Drive Ottawa, Ontario

620.91:343
(*41)

ENERGY RESOURCES: LAW: CRIME

Card no. 1442

<u>PROJECT TITLE:</u>	ENERGY RESOURCES AND SOCIAL CONDITIONS IN THE YEAR 2000
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of Ottawa, Department of Criminology
<u>RESEARCH CO-ORDINATOR:</u>	T. Grygier, University of Ottawa
<u>RESEARCHER(S):</u>	Peter Shoniker and Fay McWatt
<u>FINANCIAL SUPPORT:</u>	Industry and Federal Government
<u>PURPOSE:</u>	To establish the impact of dwindling non-renewable energy resources on exploration, conservation, occupations, law enforcement and the law itself (a new system of justice, similar to the Inuit concepts of justice not as retribution but as peace)
<u>METHODOLOGY:</u>	A study of the existing literature. Testing a provincial scenario against the opinions of relevant scientists, professionals, public officials, etc.
<u>PROJECT BEGUN:</u>	January 1980
<u>ANTICIPATED COMPLETION:</u>	January 1983
<u>CONTACT:</u>	T. Grygier 655 Richmond Rd., Unit 39 Ottawa, Ontario K2A 3Y3 Tel.: (613) 725-2545

502.7
(*450)

ENVIRONMENT

Card no. 1536

<u>PROJECT TITLE:</u>	1979 ENVIRONMENTAL PROGRESS REPORT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Central Keewatin
<u>PROJECT UNDERTAKEN BY:</u>	Urangesellschaft Canada Limited
<u>RESEARCH CO-ORDINATOR:</u>	S. Donald Speller, Urangesellschaft Canada Limited
<u>FINANCIAL SUPPORT:</u>	Private Industry
<u>PURPOSE:</u>	To collect baseline data
<u>METHODOLOGY:</u>	Sample collection; in situ measurement; field observations
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>1979 Environmental Progress Report.</u> Urangesellschaft Canada Limited, Spring 1980. Contact Mr. Donald Speller directly
<u>CONTACT:</u>	Donald Speller Urangesellschaft Canada Limited Environmental Project Manager 2 Bloor Street East Suite 3100 Toronto, Ontario M4W 1A8 Tel.: (416) 961-2182

577.42
(*41N)

ENVIRONMENT: ADAPTATION TO COLD

Card no. 1614

PROJECT TITLE: COLD STRESS METER

GEOGRAPHIC
LOCATION OF
PROJECT: Canada North of 60°

PROJECT
UNDERTAKEN BY: Department of National Defence

RESEARCH
CO-ORDINATOR: Chief, Defence and Civil Institute of Environmental Medicine

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To develop a portable instrument which registers an index of the environmental factors which affect human thermal comfort in the cold

FINDINGS: The stress meter has been completed and patent obtained. Current activities involve technology transfer to industry

PROJECT
BEGUN: 1971

ANTICIPATED
COMPLETION: On-going

CONTACT: Chief, Defence and Civil Institute
of Environmental Medicine
P.O. Box 2000
Downsview, Ontario
M3M 3B9

628.5a
622.342
(*430)

ENVIRONMENTAL IMPACT: MINING, GOLD

Card no. 1533

<u>PROJECT TITLE:</u>	YUKON PLACER MINING STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Dawson, Mayo and Carmacks, placer mining areas of Yukon
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada, Environmental Protection Service
<u>RESEARCH CO-ORDINATOR:</u>	Pia Archibald, Environment Canada
<u>RESEARCHER(S):</u>	Bonnie Burns
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To study biological conditions as impacted by placer gold mining with emphasis on suspended sediment
<u>METHODOLOGY:</u>	Field sampling in placer mining creeks in Yukon - analysis of sediment
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	January 1981
<u>CONTACT:</u>	Pia Archibald Environmental Protection Service Room 225, Federal Building Whitehorse, Yukon Tel.: (403) 667-6487

628.5a
(*41N)

ENVIRONMENTAL IMPACT ASSESSMENT

Card no. 1528

<u>PROJECT TITLE:</u>	EVALUATION OF IMPLEMENTATION OF ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS (EARP) NORTH OF 60°
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories and Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of British Columbia, School of Community & Regional Planning
<u>RESEARCH CO-ORDINATOR:</u>	William E. Rees, University of British Columbia
<u>RESEARCHER(S):</u>	Gary Holisko and Margaret Davidson
<u>FINANCIAL SUPPORT:</u>	Private organization
<u>PURPOSE:</u>	To describe, analyze and evaluate elements of the Federal Environmental Assessment and Review Process as applied North of 60°, and to provide recommendations for improvement of the process
<u>METHODOLOGY:</u>	<ul style="list-style-type: none">- Examination of Environmental Assessment and Review Process as "theory" and through case studies- Evaluation based on actual implementation as compared to derived performance criteria for government agencies and institutions in a free democratic society
<u>FINDINGS:</u>	Environmental Assessment and Review Process in the north and elsewhere in Canada, does not yet adequately satisfy the promise of the Cabinet directive establishing the process in 1973
<u>PROJECT BEGUN:</u>	May 1979
<u>ANTICIPATED COMPLETION:</u>	May 1981, M.A. Thesis
<u>REPORTS AND PUBLICATIONS:</u>	"Environmental Assessment and Review: The Case of McKinley Bay." Northern Perspectives, V.8: No. 2, pp. 2-10 Canadian Arctic Resources Committee, May 1980, by W.E. Rees "Reflections on EARP: A Discussion Paper." Canadian Arctic Resources Committee, Working Paper No. 1, November 1979, by W.E. Rees

CONTACT:

William E. Rees
School of Community and Regional Planning
University of British Columbia
6333 Memorial Road
Vancouver, British Columbia
V6T 1W5
Tel.: 228-2937

628.5a:
620.91
(*440)(*430)

ENVIRONMENTAL IMPACT ASSESSMENT:
DEVELOPMENT OF NATURAL RESOURCES

Card no. 1531

<u>PROJECT TITLE:</u>	TERRAIN DISTURBANCE STUDIES, ARCTIC CANADA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Arctic Islands, mainland Northwest Territories and Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of Ottawa, Department of Geography
<u>RESEARCH CO-ORDINATOR:</u>	H.M. French, University of Ottawa
<u>RESEARCHER(S):</u>	D. Naldrett and L. Duyer
<u>FINANCIAL SUPPORT:</u>	University, Federal Government (Department of Indian and Northern Affairs - ALUR Program, and Energy Mines and Resources - Polar Continental Shelf) and Industry
<u>PURPOSE:</u>	To assess environmental impact of economic activities upon northern regions
<u>METHODOLOGY:</u>	Field investigations
<u>PROJECT BEGUN:</u>	1975
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	H.M. French Department of Geography University of Ottawa Ottawa, Ontario K1N 6N5 Tel.: (613) 231-2471

628.5a:
620.91
(*450)

ENVIRONMENTAL IMPACT ASSESSMENT:
DEVELOPMENT OF NATURAL RESOURCES

Card no. 1575

<u>PROJECT TITLE:</u>	TERRAIN-VEHICLE INTERACTION - KEEWATIN
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	District of Keewatin
<u>PROJECT UNDERTAKEN BY:</u>	Energy, Mines and Resources, Geological Survey of Canada
<u>RESEARCH CO-ORDINATOR:</u>	D.M. Barnett, Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	L.D. Dyke
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	A) To gather data enabling sound decisions to be made on 1) Summer vehicle use Yes/No 2) If yes, appropriate restrictions B) To facilitate communication with industry to ensure mutual understanding of objectives
<u>METHODOLOGY:</u>	Data gathering during test periods and in locally defined test areas, and subsequent analysis
<u>PROJECT BEGUN:</u>	April 1980
<u>ANTICIPATED COMPLETION:</u>	March 1982
<u>REPORTS AND PUBLICATIONS:</u>	<u>Terrain Disturbance from Vehicle Movement, Lone Gull Lake, Central Keewatin. Geological Survey of Canada: Current Research Pt. B Paper 80-1B p. 69-74 1980</u>

CONTACT:

L.D. Dyke
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario
Tel.: (613) 593-6058

or

D.M. Barnett
A/Chief Environmental Studies Division
Northern Environmental Protection
Branch
Department of Indian and Northern
Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

628.5a:621.311:
621.22:597
(*440)

ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1627

<u>PROJECT TITLE:</u>	SLAVE RIVER HYDRO FEASIBILITY STUDY - FISHERIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Slave River Region, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	R.L. and L. Environmental Services Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	Gary Ash, R.L. and L. Environmental Services Ltd.
<u>RESEARCHER(S):</u>	B. Herbert and C. McLeod
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To identify the major environmental concerns related to the fish resources in this region as they relate to the proposed Slave River hydro electric development. A major area that will be addressed is the potential of upstream movement of fish through the rapids at Fort Smith into Alberta
<u>METHODOLOGY:</u>	This will include: fish tagging; fish tracking with radio transmitters; identification of major fish habitat area
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	February 1982
<u>CONTACT:</u>	Gary Ash Fisheries Biologist RL and L Environmental Services Ltd. 16841 - 110th Avenue Edmonton, Alberta T5P 1G8 Tel.: (403) 483-3499

628.5a:621.311:
621.22:597
(*429)(*430)

ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1698

PROJECT TITLE: LIARD RIVER FISHERIES INVESTIGATIONS

GEOGRAPHIC LOCATION OF PROJECT: Fort Nelson, British Columbia and Fort Liard, Northwest Territories

PROJECT UNDERTAKEN BY: R.L. & L. Environmental Services Ltd.

RESEARCH CO-ORDINATOR: C. McLeod, R.L. & L. Environmental Services Ltd.

RESEARCHER(S): J. O'Neil, L. Hildebrand and T. Clayton

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To investigate the migratory and resident fish populations in the Liard River (British Columbia and Northwest Territories) in relation to proposed hydroelectric development

METHODOLOGY: Seasonal fisheries program (i.e., summer, fall) involving normal sampling methodology (e.g., gill nets, electrofishing, traps)

PROJECT BEGUN: July 1978

ANTICIPATED COMPLETION: May 1980

REPORTS AND PUBLICATIONS: An examination of fish migrations in the Liard River, British Columbia, relative to proposed hydroelectric development at Site A, May 1979

CONTACT: J. O'Neil
R.L. & L. Environmental Services Ltd.
16841 - 110 Avenue
Edmonton, Alberta
T5P 1G8
Tel.: (403) 483-3499

628.5a:621.311:
621.22:597
(*429)(*430)

ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1699

<u>PROJECT TITLE:</u>	LIARD RIVER FISHERIES INVESTIGATIONS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Fort Nelson, British Columbia and Fort Liard, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	R.L. & L. Environmental Services Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	C. McLeod, R.L. & L. Environmental Services Ltd.
<u>RESEARCHER(S):</u>	J. O'Neil, T. Clayton and L. Hildebrand
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To investigate the migratory and resident fish populations in the Liard River (British Columbia and Northwest Territories) in relation to proposed hydro-electric development
<u>METHODOLOGY:</u>	Regular fisheries program (i.e., spring, summer, fall, winter) involving normal sampling methodology (e.g., gill nets, traps, electrofishing)
<u>PROJECT BEGUN:</u>	July 1979
<u>ANTICIPATED COMPLETION:</u>	June 1981
<u>CONTACT:</u>	J. O'Neil R.L. & L. Environmental Services Ltd. 16841 - 110 Avenue Edmonton, Alberta T5P 1G8 Tel.: (403) 483-3499

ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1700

<u>PROJECT TITLE:</u>	MAINSTREAM MACKENZIE AND LIARD AQUATIC STUDIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northeastern British Columbia and western Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	R.L. & L. Environmental Services Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	C. McLeod, R.L. & L. Environmental Services Ltd.
<u>RESEARCHER(S):</u>	J. O'Neil and L. Hildebrand
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To predict impacts of physical alterations downstream of the dam site to fish and fish habitat and to suggest possible mitigation measures
<u>METHODOLOGY:</u>	Determination of fish habitat by regular sampling methods (e.g., beach saline, gill nets) during spring, summer, and fall periods. Regular invertebrate collection. Collection of hydrological data by employing current meters, oxygen meters, etc.
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	December 1981
<u>CONTACT:</u>	Lawrence Hildebrand R.L. & L. Environmental Services Ltd. 16841 - 110 Avenue Edmonton, Alberta T5P 1G8 Tel.: (403) 483-3499

628.5a:621.311:621.22
(*440)

ENVIRONMENTAL IMPACT ASSESSMENT: HYDROELECTRICITY

Card no. 1645

<u>PROJECT TITLE:</u>	WATER SAMPLING AND ASSESSMENT OF IMPACT OF THE SLAVE RIVER HYDRO DEVELOPMENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Slave River region, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Chemical and Geological Laboratories Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	Leigh Norton
<u>RESEARCHER(S):</u>	Leigh Norton
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To undertake a water sampling program, upstream and downstream of the proposed Slave River Hydro development and to assist in assessing the general impact of this project
<u>METHODOLOGY:</u>	Use of a float plane, based out of Fort Smith. Field reconnaissance. Spot sampling of water for chemical analysis on the Slave River and adjacent water bodies in its flood plain
<u>PROJECT BEGUN:</u>	July 1980
<u>CONTACT:</u>	Leigh Norton Senior Biologist Chemical and Geological Laboratories Ltd. 14203 - 129th Avenue Edmonton, Alberta T5L 4N9

628.5a:629.11:
624.139.5
(*440)

ENVIRONMENTAL IMPACT ASSESSMENT:
LAND VEHICLES, PERMAFROST, DISTURBANCE

Card no. 1519

<u>PROJECT TITLE:</u>	NOGASH LAKE, TERRAIN STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Nogash Lake, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Department of Indian Affairs and Northern Development
<u>RESEARCH CO-ORDINATOR:</u>	L. Dyke, Terrain Sciences Division, Geological Survey of Canada
<u>RESEARCHER(S):</u>	L. Marshall
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To quantify and assess the effect of tracked vehicle movement over permafrost terrain
<u>METHODOLOGY:</u>	Diverse. Measurement of active layer depth, soil strength, moisture content, vehicle tracks, micro-climate, etc.
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Dr. W.J. Stephen Pan Ocean Oil Ltd. Bag 2533, Station "M" Calgary, Alberta T2P 2M7

628.5a:622
(*440)

ENVIRONMENTAL IMPACT ASSESSMENT: MINING

Card no. 1629

<u>PROJECT TITLE:</u>	ASSESSMENT OF THE IMPACTS OF NEW MINING AND WATER DISCHARGE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Pine Point, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	British Columbia Research Council
<u>RESEARCH CO-ORDINATOR:</u>	Arne Bohn, British Columbia Research Council
<u>RESEARCHER(S):</u>	Arne Bohn and S. Parmar
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To conduct an assessment of the impacts of new mining and water discharge. The studies will include: updating information on soil types and vegetation; updating information on wildlife habitat; updating information on water quality and fish habitat; examining background levels of trace metals associated with Pine Point mining activity
<u>PROJECT BEGUN:</u>	June 1980
<u>ANTICIPATED COMPLETION:</u>	August 1980
<u>CONTACT:</u>	Arne Bohn British Columbia Research Council 3650 Wesbrook Mall Vancouver, British Columbia V6S 2L2

628.5a:622
(*440)

ENVIRONMENTAL IMPACT ASSESSMENT: MINING

Card no. 1635

<u>PROJECT TITLE:</u>	ENVIRONMENTAL ASSESSMENT OF A MINE/MILL DEVELOPMENT AND WINTER ACCESS ROAD
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Nahanni Butte, Liard Highway area Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Beak Consultants Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	G.A. Nieminen
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To undertake environmental field studies relating to the environmental assessment of a mine/mill development and a winter access road. The studies will include fisheries studies, vegetation identification, soil sampling and wildlife habitat assessment
<u>PROJECT BEGUN:</u>	July 1980
<u>ANTICIPATED COMPLETION:</u>	October 1980
<u>CONTACT:</u>	G.A. Nieminen Director, Engineering Services Beak Consultants Ltd. Ste. 602/1550 Alberni St. Vancouver, British Columbia V6G 1A5

39
(*423)

ETHNOGRAPHY

Card no. 1518

<u>PROJECT TITLE:</u>	ETHNOGRAPHIC RESEARCH IN A SOUTHEASTERN LABRADOR COMMUNITY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Lodge Bay and Cape Charles, Southeastern Labrador Coast
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	John C. Kennedy, Memorial University
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To carry out a general ethnographic study and write a monograph on the community
<u>METHODOLOGY:</u>	Participant observation
<u>PROJECT BEGUN:</u>	January 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	John C. Kennedy Department of Anthropology Memorial University of Newfoundland St. John's, Newfoundland A1C 5S7 Tel.: (709) 737-8856

39:069
(*469.6)

ETHNOGRAPHY: MUSEUM: BANKS ISLAND

Card no. 1419

<u>PROJECT TITLE:</u>	ETHNOGRAPHY OF BANKS ISLAND
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Sachs Harbour Banks Island - Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Institut Fur Urgeschichte, Tübingen
<u>RESEARCH CO-ORDINATOR:</u>	Jean-Loup Rousselot
<u>RESEARCHER(S):</u>	Dr. Barbara Rousselot Marktpl 4 D-8554 Gräfenberg
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	Updating of documents and museum pieces, Sachs Harbour. Discussion of problems related to the museum with the village council and inhabitants
<u>METHODOLOGY:</u>	Informal meetings
<u>PROJECT BEGUN:</u>	1975
<u>ANTICIPATED COMPLETION:</u>	1981
<u>CONTACT:</u>	Jean-Loup Rousselot Kemmathen 21 D-8551 Kappel (09192) 7896

598.914:591.543.4
(*440)

FALCONS: MIGRATION

Card no. 1418

<u>PROJECT TITLE:</u>	1980 NORTH AMERICAN PEREGRINE SURVEY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada, Canadian Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	Richard Fyfe, Canadian Wildlife Service
<u>RESEARCHER(S):</u>	Richard Fyfe
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To monitor the population trends of North American peregrine populations
<u>METHODOLOGY:</u>	Surveys will be carried out throughout North America investigating all previously documented sites for this species. Whenever possible, new reports will be written and new areas of suitable habitat will be surveyed
<u>PROJECT BEGUN:</u>	1970. Repeated 1975, 1980
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	Richard Fyfe Canadian Wildlife Service 9942-108 Street Edmonton, Alberta T5K 2J5

336:331.83
(*440) (*430)

FINANCE: INCOME

Card no. 1561

<u>PROJECT TITLE:</u>	TERRITORIAL ECONOMIC ACCOUNTS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon Territory and Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Department of Indian Affairs and Northern Development, Northern Economic Planning, Data Management Division
<u>RESEARCHER(S):</u>	Mary Pavich, Department of Indian and Northern Affairs
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	<p>To compile a set of economic accounts for the territories bringing together in a comprehensive and interrelated system a vast array of economic statistics which will provide economic planning data within an established accounting framework</p> <p>The accounts will cover 4 sectors - government business, household and non-resident. A study of the imputed value of output from traditional native hunting, fishing and trapping activities will be made for inclusion in the household accounts</p>
<u>PROJECT BEGUN:</u>	1975
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<p><u>Economic Accounts: Yukon 1967-1974</u>, Department of Indian Affairs and Northern Development, Data Management Division, 1979, by Pavich, Mary</p> <p><u>Economic Accounts: Northwest Territories 1967-1974</u>, Department of Indian Affairs and Northern Development, Data Management Division, 1979, by Pavich, Mary</p>
<u>CONTACT:</u>	Mary Pavich Data Management Division Northern Economic Planning Branch Department of Indian Affairs and Northern Development Les Terrasses de la Chaudière Ottawa Ontario, K1A 0H4 Tel.: (819) 997-0660

FISHERIES

Card no. 1667

<u>PROJECT TITLE:</u>	LOBSTICK FISH STUDIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Lobstick Control Structure, Churchill Falls, Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Churchill Falls (Labrador) Corporation
<u>RESEARCH CO-ORDINATOR:</u>	Bevin LeDrew
<u>RESEARCHER(S):</u>	S. Lewis
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To find and alleviate the cause of fish (lake whitefish) aggregations at the downstream section of the control structure
<u>METHODOLOGY:</u>	A variety of studies have involved repellant field experiments; marking and recapturing of fish; physiological condition; physical conditions (limnology) of area monitored
<u>FINDINGS:</u>	Repellants are ineffective Fish aggregating at structure are stressed and do not have normal maturing grounds
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Bevin LeDrew Lower Churchill Development Corporation P.O. Box 9100 St. John's, Newfoundland A1A 2X8 Tel.: (709) 737-1494

639.2:39:
621.311:621.22 (*424)
(*623)

FISHERIES: NATIVE PEOPLE: JAMES BAY HYDROELECTRIC PROJECT

Card no. 1467

<u>PROJECT TITLE:</u>	ADAPTATIONS OF SUBSISTENCE FISHERIES, FORT GEORGE, NORTHERN QUEBEC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	James Bay, Northern Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Brock University, Institute of Urban and Environmental Studies
<u>RESEARCH CO-ORDINATOR:</u>	Fikret Berkes, Brock University, Institute of Urban and Environmental Studies
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To study the adaptation process of Cree Indian fishermen to the modifications brought about by the James Bay Hydro project
<u>METHODOLOGY:</u>	Field work; participatory fishing; open-ended questionnaire
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	"Eastern James Bay Cree Indians: Changing patterns of wild food use and nutrition." Ecology of Food and Nutrition 7: 155-172 (1978), by F. Berkes and C.S. Farkas "Cree fish names from eastern James Bay, Quebec." Arctic 31: 489-495 (1978), by F. Berkes and M. Mackenzie "An investigation of Cree Indian domestic fisheries in northern Quebec." Arctic 32: 46-70 (1979), by F. Berkes
<u>CONTACT:</u>	Fikret Berkes Institute of Urban and Environmental Studies Brock University St. Catherines, Ontario L2S 3A1 Tel.: (416) 684-7201

FISHERIES RESEARCH: FISH TAGGING

Card no. 1640

<u>PROJECT TITLE:</u>	EVALUATION OF FISH RESOURCES IN THE EASTERN ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Baffin Island, Devon Island, Cornwallis Island, Somerset Island and Boothia Peninsula
<u>PROJECT UNDERTAKEN BY:</u>	Fisheries and Oceans Canada, Freshwater Institute
<u>RESEARCH CO-ORDINATOR:</u>	J.N. Stein, Fisheries and Oceans Canada
<u>RESEARCHER(S):</u>	J.N. Stein, G. MacDonald and B. Stewart
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To determine the fish resources in the streams and rivers of Northern Baffin Island, Devon Island, Cornwallis Island, Somerset Island and Boothia Peninsula. This project is part of the Northern Land Use Information Mapping Program
<u>METHODOLOGY:</u>	Gill netting, seining, and angling
<u>PROJECT BEGUN:</u>	August 1980
<u>CONTACT:</u>	J.N. Stein Fisheries and Oceans Canada Fish Habitat Section Freshwater Institute 501 University Crescent Winnipeg, Manitoba R3T 2N6

639.2.001:636.081.2
(*469 3)
(*440)

FISHERIES RESEARCH: FISH TAGGING

Card no. 1643

<u>PROJECT TITLE:</u>	FISH RESOURCES SURVEY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Victoria Island and Coppermine, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Hatfield Consultants Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	Geoffrey Smith
<u>RESEARCHER(S):</u>	Geoffrey Smith, C. Hatfield, G. Williams and B. Kanik
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To undertake a survey of the fish resources in the lakes and streams of Victoria Island in the vicinity of Coppermine. Surveys will include determination of spawning, rearing and overwintering habitat
<u>METHODOLOGY:</u>	Methods to be used will include gillnetting, beach seining, pole seining, angling and aerial survey
<u>PROJECT BEGUN:</u>	June 1980
<u>ANTICIPATED COMPLETION:</u>	August 1980
<u>CONTACT:</u>	Geoffrey Smith Hatfield Consultants Ltd. 201 - 1571 Bellevue Avenue Vancouver, British Columbia V7V 3R6

639:2.001:39
(*428.11)

FISHERIES RESEARCH: NATIVE PEOPLE

Card no. 1433

<u>PROJECT TITLE:</u>	WALLEYE STUDIES IN THE PEACE-ATHABASCA DELTA, 1978
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Peace-Athabasca Delta, Alberta
<u>PROJECT UNDERTAKEN BY:</u>	LGL Limited, Environmental Research Associates
<u>RESEARCH CO-ORDINATOR:</u>	John Kristensen, LGL Limited
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To locate spawning areas of Walleye in the Peace-Athabasca Delta, and relate this information to the native commercial fishery in Lake Athabasca
<u>METHODOLOGY:</u>	Gill netting and trawling throughout the Delta for ripe and young-of-the-year fish
<u>FINDINGS:</u>	Areas, other than the well-known Richardson Lake spawning grounds, served as Walleye spawning areas
<u>PROJECT BEGUN:</u>	Spring 1978
<u>ANTICIPATED COMPLETION:</u>	Summer 1978
<u>REPORTS AND PUBLICATIONS:</u>	<u>Walleye Studies in the Peace-Athabasca Delta, 1978.</u> Alberta Environment, Research Secretariat, April 1979
<u>CONTACT:</u>	John Kristensen Regional Manager LGL Limited 10110-124 St. Edmonton, Alberta T5N 1P6 Tel.: 488-4832

595.77:577.4
(*423)

FLIES: ECOLOGY

Card no. 1671

PROJECT
TITLE: CONTROL OF BITING FLIES IN LABRADOR CITY-WABUSH

GEOGRAPHIC
LOCATION OF
PROJECT: Western Labrador

PROJECT
UNDERTAKEN BY: Memorial University, Research Unit on Vector Pathology

RESEARCH
CO-ORDINATOR: M.H. Colbo, Memorial University

RESEARCHER(S): M.H. Colbo, J.R. Finney and Joe Mokry

FINANCIAL
SUPPORT: Labrador City Council and Wabush Council

PURPOSE: To ameliorate the biting fly problems of Labrador City-Wabush
(both in the town and in summer recreation sites)

METHODOLOGY: Investigations are being conducted on bionomics of larval and
adult populations of biting flies in order to devise a control methodology,
using the minimal amount of chemicals and/or biologicals, while
markedly reducing the adult populations

PROJECT
BEGUN: 1980

ANTICIPATED
COMPLETION: On-going

REPORTS AND
PUBLICATIONS: Annual report to Labrador City and Wabush Councils

CONTACT: Research Unit on Vector Pathology
Memorial University
St-John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8516

595.77:577.4
(*423)

FLIES: ECOLOGY

Card no. 1672

<u>PROJECT TITLE:</u>	DEVELOPMENT OF <u>BACILLUS THURINGIENSIS</u> VAR <u>ISRAELENIS</u> FOR BIO-CONTROL OF SIMULIIDAE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Newfoundland
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University, Research Unit on Vector Pathology
<u>RESEARCH CO-ORDINATOR:</u>	M.H. Colbo, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	M.H. Colbo
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To test the effectiveness of <u>Bacillus thuringiensis</u> var <u>israelensis</u> against simulidae and the effects on non-targets organisms
<u>METHODOLOGY:</u>	A comprehensive sampling program of larval and adult simuliidae plus associated non-target fauna is being conducted in a stream system which will be treated in 1981 with Bti and results compared to the 1980 period
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	July 1982
<u>CONTACT:</u>	M.H. Colbo Research Unit on Vector Pathology Memorial University St. John's, Newfoundland A1C 5S7 Tel.: (709) 737-8516

612.39:338.585.3
(*462)

FOOD: COST

Card no. 1568

PROJECT TITLE: NORTHERN FOOD COSTS PILOT PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Baffin Region, Eastern Arctic

PROJECT UNDERTAKEN BY: Joint Federal-Territorial Project undertaken by Northern Economic Planning Branch, Department of Indian and Northern Affairs and Planning and Resource Development Division, Department of Economic Development and Tourism, Government of the Northwest Territories

RESEARCH CO-ORDINATOR: Jeff Parker, Department of Indian and Northern Affairs

RESEARCHER(S): Peter Osrunn, Mary Pavich, Department of Indian and Northern Affairs, and Francine Sarazin, Government of the Northwest Territories

FINANCIAL SUPPORT: Federal and Territorial Governments

PURPOSE:

- (i) To determine the elements (e.g., transportation, retail costs, warehousing, etc.) contributing to high food costs in the Baffin region and to assess the extent to which any one or more of these elements cause food prices to rise
- (ii) To identify and evaluate alternative measures the government could exact in Baffin region and other affected areas in the Territories to curb rising prices for specific nutritious foods initially as well as other food items

METHODOLOGY: The pilot project will be conducted in three phases and will be directed towards:

- 1. Review and evaluation of existing research and on-going programs that attempt to deal with the situation in the Territories and other affected areas in Canada,
- 2. Identification and assessment of the factors (e.g., transportation, warehousing, retail costs, etc.) that contribute to rising food prices in the Baffin region and,

3. Identification and evaluation of measures government could pursue to stabilize the high cost of specific nutritious foods in particular as well as a broad range of other food items in the Baffin region and other affected areas in both northern Territories

PROJECT
BEGUN:

August 1980

ANTICIPATED
COMPLETION:

October 1981

CONTACT:

Mary Pavich
Data Management Division
Northern Economic Planning Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel : (819) 997-0550

FUR TRADE: NATIVE PEOPLE

Card no. 1432

PROJECT
TITLE:INDIGENOUS ECONOMIC STRUCTURES FOUND IN THE
TADOUSSAC GAME PRESERVE ON THE ARRIVAL OF THE
EUROPEANS IN THE ST. LAWRENCEGEOGRAPHIC
LOCATION OF
PROJECT:Hydrographic basin of the Saguenay River, and Lake St. Jean
as well as its major tributariesPROJECT
UNDERTAKEN BY:

Université du Québec à Chicoutimi

RESEARCH
CO-ORDINATOR:

Jean-Paul Simard, Université du Québec à Chicoutimi

RESEARCHERS:Jean-Paul Simard, Michel Guérin, Hussein Habaili, Robert Simard,
Jacques KurtnessFINANCIAL
SUPPORT:Federal and Provincial Governments, University and the Fondation
de l'Université du Québec à ChicoutimiPURPOSE:

As early as 1575, the Kakschac Indians established a game preserve around the Saguenay Lake St. Jean hydrographic basin where they were the only traders, exchanging the furs gathered inland with the Europeans' ships anchored at Tadoussac. The objective of this study is to gain insight into the economic, commercial and political structures of these native people, then solely responsible for important trade. Were they forced to create new structures or did they simply use the old ones?

METHODOLOGY:

Multidisciplinary work in which are involved historic and prehistoric archaeology as well as ethnology, linguistics and geography

FINDINGS:

The conclusions are not yet definitive. It is nevertheless apparent that the native people of this area, the Kakschac were excellent traders; they used the economic, commercial and political structures already in operation, but introduced a form of capitalism into their culture, an alien element which would soon be more responsible than smallpox for their disappearance, contrary to what has been believed until now

PROJECT
BEGUN:

July 1970

ANTICIPATED
COMPLETION:

On-going

REPORTS AND
PUBLICATIONS:

The Tekouerimat collection, Presses de l'Université du Québec, has published 6 volumes; various manuscript documents were also produced, as well as three reports on archaeology

CONTACT:

Jean-Paul Simard
Directeur des Etudes amérindiennes
Centre de Recherche du Moyen Nord
Université du Québec à Chicoutimi
930 est, rue Jacques-Cartier
Local D-409
Tel: 545-5354

598.412:591.52
(*623)

GEESE: HABITAT

Card no. 1520

<u>PROJECT TITLE:</u>	SNOW GEESE AND WILDLIFE HABITAT OF WEST HUDSON BAY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Eskimo Point, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada, Canadian Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	R.H. Kerbes, Canadian Wildlife Service
<u>RESEARCHER(S):</u>	R.H. Kerbes
<u>PURPOSE:</u>	To monitor the numbers and distribution of Snow Geese; to map and assess the wildlife habitat in the region
<u>METHODOLOGY:</u>	Aerial photography, ground investigations
<u>FINDINGS:</u>	The West Hudson Bay Snow Goose population (which is utilized by Inuit from Eskimo Point) increased greatly from 1940 to 1973, but since then it has levelled off, or perhaps declined
<u>PROJECT BEGUN:</u>	1972
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>Lesser Snow Geese in the Eastern Canadian Arctic.</u> Canadian Wildlife Service, Report Series No. 35, 1975
<u>CONTACT:</u>	R.H. Kerbes Canadian Wildlife Service 115 Perimeter Road Saskatoon, Saskatchewan S7N 0X4 Tel.: (306) 665-4111

598.412:591.543.7:502.7
(*426)

GEESE: MIGRATION: WILDLIFE MANAGEMENT

Card no. 1529

<u>PROJECT TITLE:</u>	POPULATION STUDIES OF SNOW GEESE AT LA PEROUSE BAY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	La Perouse Bay, Manitoba
<u>PROJECT UNDERTAKEN BY:</u>	Queen's University, Department of Biology
<u>RESEARCH CO-ORDINATOR:</u>	F. Cooke, Queen's University
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	<ul style="list-style-type: none">- To contribute to the management of important natural resources- To contribute to pure research
<u>PROJECT BEGUN:</u>	1968
<u>ANTICIPATED COMPLETION:</u>	1986
<u>REPORTS AND PUBLICATIONS:</u>	"Early Learning and its Effects on Population Structure. Studies of a Wild Population of Snow Geese." Z. Tierpsychol. 46:344-358, 1978, by Cooke F. For complete list of publications contact F. Cooke
<u>CONTACT:</u>	F. Cooke Department of Biology Queen's University Kingston, Ontario Tel.: (613) 547-6601

323:(*41N)

GOVERNMENT POLICY: CANADIAN NORTH

Card no. 1522

<u>PROJECT TITLE:</u>	PUBLIC POLICY IN THE CANADIAN NORTH
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Whitehorse, Yukon and Yellowknife, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Alberta, Department of Political Science
<u>RESEARCH CO-ORDINATOR:</u>	Gurston Dacks, University of Alberta
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To produce an introductory text on major policy questions north of 60°, primarily for university use
<u>METHODOLOGY:</u>	Documentary research and interviews
<u>PROJECT BEGUN:</u>	June 1979
<u>ANTICIPATED COMPLETION:</u>	December 1980
<u>CONTACT:</u>	Gurston Dacks Department of Political Science University of Alberta Edmonton, Alberta T6G 2M4 Tel.: 432-5867

323:502.7:711
(*440)

GOVERNMENT POLICIES: ENVIRONMENT CONSERVATION: LAND USE POLICIES

Card no. 1515

<u>PROJECT TITLE:</u>	POLITICAL ASPECTS OF ENVIRONMENTAL CONSERVATION POLICY IN THE NORTHWEST TERRITORIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Brock University, Institute of Urban and Environmental Studies
<u>RESEARCHER(S):</u>	Terry Fenge, Brock University
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE</u>	To establish and explain the perceptions and advocations of non- governmental groups in relation to environmental conservation policy, specifically National Parks, wildlife areas, International Biological Program sites, Territorial Parks etc. To define the bases for political alliances that may promote comprehensive conservation and land use planning in the Northwest Territories
<u>METHODOLOGY:</u>	In depth and informal interviews with both government and non- government personnel
<u>PROJECT BEGUN:</u>	Winter 1978/79
<u>ANTICIPATED COMPLETION:</u>	Autumn 1980, Ph.D. Thesis
<u>CONTACT:</u>	Terry Fenge Institute of Urban and Environmental Studies Brock University St. Catherines, Ontario L2S 3A1 Tel.: (416) 684-7201

598.422.1:
591.51
(*464.8)(*464.2)

GULLS: BEHAVIOUR

Card no. 1691

<u>PROJECT TITLE:</u>	BEHAVIOURAL ADAPTATIONS OF ARCTIC ANIMALS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Bathurst Island, Ellesmere Island, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Natural Sciences
<u>RESEARCH CO-ORDINATOR:</u>	S.D. MacDonald, National Museum of Natural Sciences, Ottawa
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To census and monitor nesting of Ross' Gull
<u>METHODOLOGY:</u>	Helicopter survey. Ground based observations using telescopes, tape recorders
<u>FINDINGS:</u>	First breeding record of Ross' Gull for North America. Previously known to nest regularly in eastern Siberia
<u>PROJECT BEGUN:</u>	1976
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	S.D. MacDonald Curator, Vertebrate Ethology National Museum of Natural Sciences Ottawa, Ontario Tel.: 998-4141

627.2:550.8(26)
(*62)

HARBOUR: OFFSHORE OIL AND GAS EXPLORATION

Card no. 1435

<u>PROJECT TITLE:</u>	TUKTOYAKTUK HARBOUR MASTER PLAN
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Beaufort Sea and Tuktoyaktuk
<u>PROJECT UNDERTAKEN BY:</u>	Acres Consulting Services Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	S. Brown, Acres Consulting Services, Ltd.
<u>RESEARCHER(S):</u>	R. Dockstader
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To prepare a harbour masterplan which would provide a framework to govern the expansion of the port infrastructure in support of offshore oil and gas exploration in the Beaufort Sea
<u>METHODOLOGY:</u>	Integrated analysis of water and land-use, including biophysical, economic, engineering and administrative considerations
<u>FINDINGS:</u>	Future development activities will be determined to a large extent by trends in the oil and gas and transportation sectors. Tuktoyaktuk is an attractive location for expansion of land-based support activities, and will continue to function primarily as a shallow water harbour
<u>PROJECT BEGUN:</u>	December 1979
<u>ANTICIPATED COMPLETION:</u>	March 1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>Tuktoyaktuk Harbour Masterplan.</u> Acres Consulting Services Ltd., March 1980
<u>CONTACT:</u>	S. Brown Coordinator of Environmental Studies Acres Consulting Services Ltd. 800 West Pender Street, 8th Floor Vancouver, British Columbia V6C 2V6 Tel.: 683-9141

614:35
(*41)

HEALTH: ADMINISTRATION

Card no. 1521

<u>PROJECT TITLE:</u>	NATIONAL INDIAN HEALTH POLICY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	National Indian Brotherhood, National Commission of Inquiry on Indian Health
<u>RESEARCH CO-ORDINATOR:</u>	Raymond Obomsawin, National Indian Brotherhood
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To obtain Indian consensus on Indian health needs
<u>METHODOLOGY</u>	Quarterly meetings of health delegates from all provincial and territorial member associations of The National Indian Brotherhood, to formulate health policy
<u>PROJECT BEGUN:</u>	November 1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>National Indian Brotherhood, Indian Health Policy.</u> National Indian Brotherhood, June 1980
<u>CONTACT:</u>	Raymond Obomsawin Commission Chairman, Health Program Director National Indian Brotherhood 102 Bank Street Ottawa, Ontario K1P 5N4 Tel.: (613) 236-0673

HEALTH: BLOOD GROUPS

Card no. 1688

PROJECT TITLE: THE LUTHERAN AND DIEGO BLOOD GROUPS IN THE NATIVE PEOPLE OF THE EDMONTON, YELLOWKNIFE AND INUVIK REGION

GEOGRAPHIC LOCATION OF PROJECT: Northern Alberta, Yellowknife and Inuvik, Northwest Territories

PROJECT UNDERTAKEN BY: Dr. Donald I. Buchanan

RESEARCH CO-ORDINATOR: Dr. D.I. Buchanan, Consultant & Chairman, Blood Donor Advisory Committee, Canadian Red Cross

RESEARCHER(S): Maureen Patterson

FINANCIAL SUPPORT: Private Foundation

PURPOSE: To do research and blood group studies, including the prevention of hemolytic disease of the newborn due to rare blood group incompatibilities

METHODOLOGY: The techniques included indirect Coombs methods and Chown's capillaries. In the Edmonton area blood samples were obtained, with permission, from the Charles Camsell, Wetaskiwin and other hospital patients of Indian (mainly Cree) origin.

In Yellowknife, the hospital provided 315 blood samples, the residue left from specimens collected for hemoglobin tests, and similarly the Inuvik hospital sent part-samples from 145 patients of Indian or Inuit origin

FINDINGS: The Lutheran (Lu^a) antigen or blood group factor is probably of Caucasian origin, only 0.95% of the Indians (mainly Dogribs) having this factor in the Yellowknife samples, while none from Inuvik was positive for this antigen

Lutheran (Lu^a) accounted for 3.2% of the 1,596 Cree and Métis tested in the Edmonton region. Here too the Diego (Di^a) factor was found in 3.0% of the blood samples, but only in 1.58% in Yellowknife and none in Inuvik

PROJECT 1975
BEGUN:

ANTICIPATED 1980
COMPLETION:

REPORTS AND "Genetic Independence of the Lutheran and Diego Blood Group
PUBLICATIONS: Loci", Transfusion, Vol. 17, pp. 277-279, 1977

CONTACT: Dr. D.I. Buchanan
Chairman, Red Cross Blood Donor Advisory Committee
c/o Canadian Red Cross
9941 - 106 Street
Edmonton, Alberta
T5K 1E2
Tel.: (403) 439-0129

614:362.7
(*440)

HEALTH: CHILDREN

Card no. 1631

<u>PROJECT TITLE:</u>	STUDY OF INFANT MORTALITY RATES, NORTHWEST TERRITORIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Alberta, Department of Pediatrics
<u>RESEARCH CO-ORDINATOR:</u>	Dr. Donald W. Spady
<u>RESEARCHER(S):</u>	Dr. Donald W. Spady
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To do a follow-up of the 1973/74 study of infant mortality rates. This study will deal with these children (now 6 and 7 years of age) from the standpoint of their present health and the incidence of certain diseases
<u>METHODOLOGY:</u>	Computer analysis of the following data: 1) A review of medical records from the first year of life until the date of the survey 2) Physical examination of child 3) Laboratory examination to include only a microhemoglobin 4) Social and family status
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	Dr. Donald W. Spady Department of Pediatrics University of Alberta Hospital EDMONTON, Alberta T6G 2G3

614:37
(*41N)(*38)(*55)

HEALTH: EDUCATION

Card no. 1495

PROJECT TITLE: THE DEVELOPMENT OF HEALTH AND EDUCATIONAL SYSTEMS
IN A CROSS POLAR PERSPECTIVE (CANADA, GREENLAND,
LAPPLAND)

GEOGRAPHIC
LOCATION OF
PROJECT: Northern Canada, Greenland, Lappland

PROJECT
UNDERTAKEN BY: Robert J. MacDonald

RESEARCHER(S): Robert J. MacDonald

PURPOSE: To examine the issue to see whether or not similar problems of
development occur and whether or not any one jurisdiction has
been successful in overcoming the problems, or whether general
examinations in the past have tended to gloss over problems when
solutions are suggested

METHODOLOGY: Examination of newspapers, reports, studies as well as personal
observation

PROJECT
BEGUN: 1977

ANTICIPATED
COMPLETION: On-going

CONTACT: Robert J. MacDonald
613 25th Avenue Northwest
Calgary, Alberta
T2M 2B1
Tel.: 282-1014

614:616.9
(*440)

HEALTH: INFECTIOUS DISEASES

Card no. 1644

<u>PROJECT TITLE:</u>	INCIDENCE OF MENINGITIS IN THE BAKER LAKE COMMUNITY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Baker Lake, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Manitoba, Northern Medical Unit
<u>RESEARCH CO-ORDINATOR:</u>	Dr. Brian Postl, University of Manitoba
<u>RESEARCHER(S):</u>	Dr. Brian Postl
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To undertake a study of the incidence of meningitis in the community of Baker Lake and to treat any suspected carriers of the disease
<u>PROJECT BEGUN:</u>	February 1980
<u>CONTACT:</u>	Dr. Brian Postl Northern Medical Unit University of Manitoba 750 Bannatyne Avenue Winnipeg, Manitoba R3E 0W3

HEALTH: INFECTIOUS DISEASES

Card no. 1665

<u>PROJECT TITLE:</u>	APPLICATIONS OF IMMUNO-ENZYMATIC METHODS TO VIRAL INFECTION DIAGNOSIS IN NORTHERN REGIONS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	Université de Montréal, Faculté de Médecine
<u>RESEARCH CO-ORDINATOR:</u>	Dr. Édouard Kurstak, Université de Montréal, Faculté de Médecine
<u>RESEARCHER(S):</u>	Dr. Édouard Kurstak
<u>PURPOSE:</u>	To establish means of establishing a rapid and specific diagnosis of arctic arboviruses infections
<u>METHODOLOGY:</u>	Immunoperoxydase methods
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	Arctic and Tropical Arboviruses, Academic Press, New York, 1979, by Édouard Kurstak (ed.)
<u>CONTACT:</u>	Dr. Édouard Kurstak Département de microbiologie et immunologie Faculté de Médecine, Université de Montréal C.P. 6128, Succ. A., Montréal, Québec H3C 3J7 Tel.: (514) 343-6285

616:616.9:39:362.7
(*426)

HEALTH: INFECTIOUS DISEASES: NATIVE CHILDREN

Card no. 1448

<u>PROJECT TITLE:</u>	PROTECTION OF BREAST-FEEDING AGAINST INFECTION IN INDIAN INFANTS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Manitoba
<u>PROJECT UNDERTAKEN BY:</u>	University of Manitoba, Department of Pediatrics
<u>RESEARCHER(S):</u>	Judith Ellestad-Sayed, F.J. Coodin, Louise A. Dilling, J.C. Haworth
<u>FINANCIAL SUPPORT:</u>	Federal Government and University
<u>PURPOSE:</u>	To determine whether the type of infant feeding is related to infection during the first year of life
<u>METHODOLOGY:</u>	A retrospective study undertaken at two Manitoba Indian Communities. Data on feeding history and hospital admissions were available for 158 infants, who represented about one-third of the preschool-aged children in the communities. Of these infants 28 were fully breast-fed, 58 initially breast-fed and then changed to bottle-feeding and 72 fully bottle-fed
<u>FINDINGS:</u>	Breast-feeding was strongly protective against severe infection requiring hospital admission and also against minor infection
<u>ANTICIPATED COMPLETION:</u>	Completed
<u>REPORTS AND PUBLICATIONS:</u>	"Breast-feeding protects against infection in Indian infants." Canadian Medical Association Journal, volume 120, pp. 295-298, February 1979
<u>CONTACT:</u>	University of Manitoba Faculty of Medicine Children's Hospital 685 Bannatyne Avenue Winnipeg, Manitoba R3E 0W1 Tel.: (204) 787-2441

616:612.39:572:39:362.7
(*426)

HEALTH: NUTRITION: ANTHROPOMETRY: NATIVE CHILDREN

Card no. 1450

PROJECT TITLE: GROWTH AND NUTRITION OF MANITOBA PRESCHOOL INDIAN CHILDREN. III ANTHROPOMETRY

GEOGRAPHIC LOCATION OF PROJECT: Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Department of Pediatrics

RESEARCHER(S): Judith Ellestad-Sayed, F.J. Coodin, Louise A. Dilling, J.C. Haworth

FINANCIAL SUPPORT: Federal Government and University

PURPOSE: To study various aspects of growth and nutrition among the preschool children at two isolated communities in northern Manitoba

METHODOLOGY: Cross-sectional and longitudinal measurements on 575 preschool Indian children. Visits were made to each community every two months between 1972 and 1975; 575 children aged 5 years or less were examined on one or more occasion. Anthropometry was done by a single individual on virtually all the preschool children in the communities

FINDINGS: Despite adverse living conditions and high infection rates, the growth patterns of these children differ very little from those of North American children as a whole

ANTICIPATED COMPLETION: Completed

REPORTS AND PUBLICATIONS: Growth and Nutrition of Manitoba Preschool Indian Children III Anthropometry, by F.J. Coodin, Louise A. Dilling, J.C. Haworth and Judith Ellestad-Sayed

CONTACT: Dr. J.C. Haworth
Department of Pediatrics
The Children's Hospital
685 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W1

616:612.39:616.9:39:362.7
(*426)

HEALTH: NUTRITION: INFECTIOUS DISEASES: NATIVE CHILDREN

Card no. 1449

<u>PROJECT TITLE:</u>	GROWTH AND NUTRITION OF PRESCHOOL INDIAN CHILDREN IN MANITOBA: II NUTRIENT INTAKES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Manitoba
<u>PROJECT UNDERTAKEN BY:</u>	University of Manitoba, Department of Pediatrics
<u>RESEARCHER(S):</u>	Judith Ellestad-Sayed, F.J. Coodin, Louise A. Dilling, J.C. Haworth
<u>FINANCIAL SUPPORT:</u>	Federal Government and University
<u>PURPOSE:</u>	To investigate the incidence of infection among Manitoban Indian preschool children and their nutritional status
<u>METHODOLOGY:</u>	The 24-hour food intake of 151 preschool northern Manitoba Indian children was measured during three seasons and the nutrient content was calculated and compared to recommended levels. Visits were made to Cross Lake and Garden Hill in winter, spring and fall of 1974
<u>FINDINGS:</u>	The nutrient most likely to be lacking was vitamin D. Over half of the children also consumed less than the recommended level of iron. Other nutrients likely to be at risk were folate, pyridoxine, calcium and thiamin. Protein and ascorbic acid intakes tended to be high relative to standards
<u>ANTICIPATED COMPLETION:</u>	Completed
<u>REPORTS AND PUBLICATIONS:</u>	<u>Growth and Nutrition of Preschool Indian Children in Manitoba: II. Nutrient Intakes</u> , by J.J. Ellestad-Sayed, J.C. Haworth, F.J. Coodin and L.A. Dilling
<u>CONTACT:</u>	Dr. J.J. Ellestad-Sayed Department of Pediatrics University of Western Ontario South Street Campus Victoria Hospital 391 South Street London, Ontario N6A 4G5

614:612.39:39
(*410)

HEALTH: NUTRITION: INUIT

Card no. 1622

<u>PROJECT TITLE:</u>	IMPACT OF SOUTHERN CANADIAN DIET AND LIFESTYLE ON GENERAL HEALTH, NUTRITION AND WORKING CAPACITY OF CANADIAN INUIT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Igloolik Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Department of Indian and Northern Affairs, Eastern Arctic Scientific Resource Centre
<u>RESEARCH CO-ORDINATOR:</u>	Andris Rode
<u>RESEARCHER(S):</u>	A. Rode and G. Qulaut
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To conduct a follow-up to a study in 1969-71 of the impact of southern Canadian diet and lifestyle on general health, nutrition and working capacity of Canadian Inuit.
<u>METHODOLOGY:</u>	Basic cardio - respiratory and physiological laboratory methods
<u>PROJECT BEGUN:</u>	November 12, 1980
<u>ANTICIPATED COMPLETION:</u>	March 31, 1981
<u>CONTACT:</u>	Andris Rode Scientist-in-Charge Eastern Arctic Scientific Resource Centre Igloolik, Northwest Territories X0A 0L0

362.1
(*430)

HEALTH CARE

Card no. 1439

<u>PROJECT TITLE:</u>	YUKON HEALTH CARE RECORDS STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of Saskatchewan, Institute for Northern Studies
<u>RESEARCH CO-ORDINATOR:</u>	Robert M. Bone, University of Saskatchewan
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To assess the value of the Yukon Health Care Records as a source of demographic data
<u>METHODOLOGY:</u>	To examine the records and to interview appropriate government officials who have used these records
<u>PROJECT BEGUN:</u>	April 1980
<u>ANTICIPATED COMPLETION:</u>	Fall 1980
<u>CONTACT:</u>	Robert M. Bone Director Institute for Northern Studies University of Saskatchewan Saskatoon, Saskatchewan S7N 0W0 Tel.: 343-4316

362.1:35
(*425)

HEALTH SERVICES: ADMINISTRATION

Card no. 1428

<u>PROJECT TITLE:</u>	THE ORGANIZATION OF DISTRICT HEALTH COUNCILS IN ONTARIO
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Kenora and Rainy River Districts, Northwest Ontario
<u>PROJECT UNDERTAKEN BY:</u>	University of Toronto, Department of Health Administration
<u>RESEARCH CO-ORDINATOR:</u>	Maureen Dixon, University of Toronto
<u>RESEARCHER(S):</u>	Ann Kirkland
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To assist District Health Councils in organizational development, and to develop tested and generalized concepts of District Health Council organization for use in a wide context
<u>METHODOLOGY:</u>	Social Analysis: a collaborative method of identifying organizational problems which are amenable to change, developing requisite structures and enacting change
<u>FINDINGS:</u>	Analysis of existing organizational patterns in terms of accountability, authority and working relationships. New concepts and models developed for problem resolution
<u>PROJECT BEGUN:</u>	September 1977
<u>ANTICIPATED COMPLETION:</u>	September 1980
<u>CONTACT:</u>	Professor Maureen Dixon Department of Health Administration University of Toronto McMurrich Bldg. Toronto, Ontario Tel.: (416) 978-6349

HEALTH SERVICES: INFORMATION ORGANIZATION

Card no. 1462

PROJECT TITLE: A COMPREHENSIVE PROGRAM MONITORING SYSTEM FOR
COMMUNITY HEALTH CENTRES

GEOGRAPHIC
LOCATION OF
PROJECT: Churchill, Leaf Rapids and Winnipeg, Manitoba

PROJECT
UNDERTAKEN BY: University of Manitoba, School of Social Work

RESEARCH
CO-ORDINATOR: Beverly Lepischak, University of Manitoba

RESEARCHER(S): Dr. Barry Trute, Dr. Bruce Tefft, Dr. David Scuse, Dr. Jack Hildes,
Dr. Angus Reid

FINANCIAL
SUPPORT: Federal Government

PURPOSE: After three years of development, a prototype model of a health
centre information system has been constructed. The model is
structured such that simple service forms, encompassing both
medical and social services, can be applied and maintained at
modest expense and with rigorous control on confidentiality.
Highly efficient computer programs maintain an interactive data
entry system, a reliable updating system, a flexible data retrieval
system, and simple data output and analysis facilities. An integral
aspect of the Manitoba Health Centres Information System (MHCIS)
is the consultative strategy that has been evolved which provides
guidelines for dealing with the "human factors" inherent in the
maintenance of such a system. Careful attention has been given
to both "technical" and "human" aspects in development

METHODOLOGY: Computer based health management information system

FINDINGS: Development of management information systems in health and
social services particularly as they are contained in health centre
settings. The creation of computer based health service data
for epidemiological and evaluation research

PROJECT
BEGUN: April 1978

ANTICIPATED
COMPLETION: March 1981

CONTACT: Dr. Barry Trute
School of Social Work
University of Manitoba
Winnipeg, Manitoba
R3T 2N2
Tel.: 474-9798

625.7:556
(*472)

HIGHWAY ENGINEERING: HYDROLOGY

Card no. 1474

PROJECT TITLE: HIGHWAY - RELATED HYDROLOGIC STUDIES, MACKENZIE
DELTA REGION, NORTHWEST TERRITORIES

GEOGRAPHIC
LOCATION OF
PROJECT: Mackenzie Delta

PROJECT
UNDERTAKEN BY: Environment Canada, Snow and Ice Division, Northern Hydrology
Section

RESEARCH
CO-ORDINATOR: John C. Anderson, Environment Canada

RESEARCHER(S): John C. Anderson

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To collect and analyse data on snow cover, precipitation, runoff
and river ice conditions which relate to the design of highways
(esp. culverts, bridges)

METHODOLOGY: Field: data collected during 1980 open water season at nine drainage
basins
Office: data reduction, analysis, report writing

FINDINGS: These relate to the magnitude and variability of snowpack water
equivalent, snowmelt discharge, seasonal runoff, river ice accumulations
etc.

PROJECT
BEGUN: 1975

ANTICIPATED
COMPLETION: On-going

REPORTS AND
PUBLICATIONS: Hydrologic Studies in the Mackenzie Delta Region, N.W.T., 1979.
Environment Canada, February 1980

CONTACT: J.C. Anderson
Snow and Ice Division
Environment Canada
Ottawa, Ontario
K1A 0E7
Tel.: 997-2385

HISTORY

Card no. 1670

<u>PROJECT TITLE:</u>	THE WRITING OF NORTHERN HISTORY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon and Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Concordia University, Department of History
<u>RESEARCHER(S):</u>	R. J. Diubaldo
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To prepare a paper on Canadian northern history
<u>METHODOLOGY:</u>	Archival research and historical analysis (selective) of existing literature
<u>PROJECT BEGUN:</u>	Summer 1980
<u>ANTICIPATED COMPLETION:</u>	March 1981
<u>CONTACT:</u>	Richard J. Diubaldo Department of History Concordia University 1435 de Maisonneuve Boulevard West Montreal, Quebec H3G 1M8

93:330.02
(*425)

HISTORY: ECONOMIC DEVELOPMENT

Card no. 1690

PROJECT
TITLE:

ECONOMIC HISTORY OF ONTARIO 1940 - 1980

GEOGRAPHIC
LOCATION OF
PROJECT:

Ontario

PROJECT
UNDERTAKEN BY:

Kenneth John Rea

RESEARCH
CO-ORDINATOR:

Kenneth John Rea

FINANCIAL
SUPPORT:

Provincial Government

PURPOSE:

To provide a general economic history of Ontario for the period
1940 - 1980 (including northern development)

METHODOLOGY:

Historical research

PROJECT
BEGUN:

1975

ANTICIPATED
COMPLETION:

1982

CONTACT;

Kenneth John Rea
Department of Political Economy
University of Toronto
Toronto, Ontario
M5S 1A1
Tel.: (416) 421-1163

93:91(08)
(*623)(*66)

HISTORY: EXPEDITIONS

Card no. 1516

<u>PROJECT TITLE:</u>	THE MARITIME, SCIENTIFIC AND MILITARY EXPEDITIONS OF JEAN-FRANÇOIS DE GALAUP DE LA PÉROUSE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Hudson Bay and Pacific Ocean
<u>PROJECT UNDERTAKEN BY:</u>	Roland Lamontagne, Université de Montréal, Département d'histoire
<u>PURPOSE:</u>	To study the military expeditions of La Pérouse in Hudson Bay. To emphasize the scientific contribution of La Pérouse, which was characterized by a spirit of international co-operation during his expedition in the Pacific
<u>METHODOLOGY:</u>	Critical analysis of the manuscript sources, interpreted through historiography
<u>FINDINGS</u>	La Pérouse's work is characterized by his willingness to collaborate with the international scientific community. In Hudson Bay he contributed notably to the scientific work carried out by the British
<u>PROJECT BEGUN:</u>	May 1977
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>La Baie James dans l'histoire du Canada</u> , Beauchemin, 114 p., 1974
<u>CONTACT:</u>	Roland Lamontagne Département d'histoire Université de Montréal Case postale 6128, Succursale "A" Montréal, Québec H3C 3J7 Tel.: 343-7352

93:325.454
(*410)

HISTORY: NATIVE PEOPLE

Card no. 1570

<u>PROJECT TITLE:</u>	THE EXPLORATION, DISCOVERY AND INITIAL DEVELOPMENT OF THE EASTERN HIGH ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Eastern High Arctic
<u>PROJECT UNDERTAKEN BY:</u>	David Hocking and M. Anderson
<u>RESEARCH CO-ORDINATOR:</u>	Gary Leitch, Community Liaison and Social Impact Assessment, Petro-Canada
<u>RESEARCHER(S):</u>	David Hocking and M. Anderson
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To gain overview of native contact with Europeans and non-Native North Americans
<u>METHODOLOGY:</u>	Archival research
<u>ANTICIPATED COMPLETION:</u>	1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>The Exploration, Discovery and Initial Development of the Eastern High Arctic</u> , by Hocking, David and Anderson, M.
<u>CONTACT:</u>	G. Leitch Community Liaison and Social Impact Assessment Petro-Canada P.O. Box 2844 Calgary, Alberta T2P 2M7 Tel.: (403) 232-8000

351.778.5
(*440)

HOUSING

Card no. 1530

<u>PROJECT TITLE:</u>	NORTHWEST TERRITORIES HOUSING CORPORATION - HOUSING NEEDS STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Northwest Territories Housing Corporation
<u>RESEARCH CO-ORDINATOR:</u>	Rob Redgrave, Northwest Territories Housing Corporation
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To compile data, by community, on the condition, space utilization, and household income level of that segment of Northwest Territories housing which constitutes social housing; and on the basis of this information to secure an equitable apportionment of social housing resources .
<u>METHODOLOGY:</u>	Study design consists of "Community Survey Package" - a form set completed by Housing Association Authorities in which they document their social housing situation
<u>PROJECT BEGUN:</u>	1971
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Rob Redgrave P.O. Box 2100 Yellowknife, Northwest Territories X1A 2P6 Tel.: (403) 873-7949

333.32:301.18:362.7
(*41)

HOUSING: COMMUNITY DEVELOPMENT: CHILDREN

Card no. 1482

PROJECT TITLE: INTERNATIONAL YEAR OF CHILD - HOUSING NEEDS OF NATIVE
FAMILIES - CHILD'S/PARENT'S PERCEPTIONS

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: University of Saskatchewan, Department of Sociology

RESEARCH
CO-ORDINATOR: S. Brink, Central Mortgage and Housing Corporation

RESEARCHER(S): Angela Wei Djao

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To study the needs of children in area of housing, neighbourhood
and community that are perceived by parents and those that are
not. The extent to which children's needs are reflected in parent's
decision regarding housing. Reasons for perceiving or neglecting
children's needs. The effect of existing conditions on development
of child - housing strategies that can respond to both parents
and children's needs when they conflict

ANTICIPATED
COMPLETION: August 1980

CONTACT: University of Saskatchewan
Department of Sociology
Saskatoon, Saskatchewan
S7N 0W0

333.32:39
(*424)

HOUSING: NATIVE PEOPLE

Card no. 1483

PROJECT TITLE: NASKAPI PROTOTYPE HOUSE BUILDING PROJECT

GEOGRAPHIC
LOCATION OF
PROJECT: Quebec

PROJECT
UNDERTAKEN BY: Naskapi Band Council of Schefferville

RESEARCH
CO-ORDINATOR: M. Binder, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Geoffroy

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To contribute to the building of a prototype house suited to the severe environmental conditions of Schefferville, to the training and cultural needs of the Naskapi and to possible relocation

ANTICIPATED
COMPLETION: March 1981

CONTACT: Naskapi Band Council of Schefferville
Suite 800
1070 Rue Bleury
Montreal, Quebec
H2Z 1N3

333.32:39
(*424)

HOUSING: NATIVE PEOPLE

Card no. 1489

PROJECT TITLE: DESIGN OF A PROTOTYPE HOUSE FOR THE NASKAPI HOUSE BUILDING PROJECT

GEOGRAPHIC
LOCATION OF
PROJECT: Quebec

PROJECT
UNDERTAKEN BY: Naskapi Band Council

RESEARCH
CO-ORDINATOR: J. Connolly, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Geoffroy

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To support the Naskapi Band Council in the design phase of an energy-conserving prototype house, suited to the needs of the Naskapi and local climatic conditions. It must be amenable to replication in further Naskapi construction projects. Super-insulated dwellings require particular care in construction to achieve air tightness. When design is submitted, consideration will be given for additional funding to ensure dwelling built as designed

ANTICIPATED
COMPLETION: November 1979

CONTACT: Naskapi Band Council
Suite 340
1070 rue Bleury
Montreal, Quebec
H2Z 1N3

333.32:39:711.3
(*41)

HOUSING: NATIVE PEOPLE: RURAL AREAS

Card no. 1484

PROJECT TITLE: REVIEW OF THE RURAL HOUSING NEEDS

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: Statistics Canada, Financial Services, Special Surveys Division

RESEARCH
CO-ORDINATOR: R. Hobart, Central Mortgage and Housing Corporation

RESEARCHER(S): C. Silver

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To conduct a review of the rural and native housing needs

ANTICIPATED
COMPLETION: November 1979

CONTACT: Statistics Canada
Financial Services
Special Surveys Division
R.H. Coats Building 6 6J
Ottawa, Ontario
K1A 0T6

333.32:39:711.3
(*41)

HOUSING: NATIVE PEOPLE: RURAL AREAS

Card no. 1485

<u>PROJECT TITLE:</u>	STUDY OF CLIENTS OF CENTRAL MORTGAGE AND HOUSING CORPORATION'S RURAL AND NATIVE HOUSING PROGRAM
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	Canadian Facts Co. Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	N. Shulman
<u>RESEARCHER(S):</u>	M.S. O'Hara
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To survey clients of Central Mortgage and Housing Corporation's Rural and Native Housing Program
<u>METHODOLOGY:</u>	Provide appropriate format for the draft interview schedule and final interview schedule which will be provided by the corporation. Conduct pre-test of approximately 20 cases. Prepare sample lists of participants for use by the field staff. Conduct training sessions for all field staff and complete 75 cases in 7 designated provinces. Code and transfer data to machine readable form. Provide set of marginals and complete field work required
<u>ANTICIPATED COMPLETION:</u>	April 1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>Field Report; Survey on Rural and Native Housing.</u> Canadian Facts Co. Ltd., 1979
<u>CONTACT:</u>	Canadian Facts Co. Ltd. Suite 416 130 Albert Street Ottawa, Ontario K1P 5G4

333.32:39:711.3
(*41)

HOUSING: NATIVE PEOPLE: RURAL AREAS

Card no. 1488

PROJECT TITLE: MARKET STRATEGY - RURAL AND NATIVE HOUSING ACTIVITY
AND POLICIES

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: Debora K. Toll

RESEARCH
CO-ORDINATOR: C. Rump, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Toll

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To develop statistical material for market strategy analysis and rural and native housing activity and policies. To analyse material from computer print-outs and code information from Central Mortgage and Housing Corporation's Rural and Native Housing Program, Public Housing, Senior Citizen and Residential Rehabilitation Program for brief analysis of material. Summarize and analyze other related project material as assigned

ANTICIPATED
COMPLETION: November 1979

CONTACT: Debora Toll
470 Labrosse Boulevard
Gatineau, Quebec
J8P 4R2

351.778.5:333.32
(*430)(*440)

HOUSING, PUBLIC: GOVERNMENT POLICIES

Card no. 1486

PROJECT TITLE: PUBLIC HOUSING REVENUE DATA FOR YUKON AND
NORTHWEST TERRITORIES

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon and Northwest Territories

PROJECT
UNDERTAKEN BY: Nancy Ratz

RESEARCH
CO-ORDINATOR: D. Black, Central Mortgage and Housing Corporation

RESEARCHER(S): Nancy Ratz

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To undertake a systematic examination of revenues in the Yukon and the Northwest Territories and ensure that public housing subsidies are those authorized by the financial authority and delegated to the corporation. The data gathered from the study will complete the report on the review of all public housing jurisdictions in Canada

ANTICIPATED
COMPLETION: August 1980

CONTACT: Nancy Ratz
346 College Street
Apartment 1
Toronto, Ontario
M5T 1S4

728:711.3
(*41)

HOUSING, TECHNOLOGY: RURAL AREAS

Card no. 1490

<u>PROJECT TITLE:</u>	HOUSING TECHNOLOGIES SUITABLE FOR USE IN RURAL AND NORTHERN CANADA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	Native Council of Canada
<u>RESEARCH CO-ORDINATOR:</u>	L. Gladue, Central Mortgage and Housing Corporation
<u>RESEARCHER(S):</u>	D. Symington
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To develop and assess five housing technologies. If technologies are suitable, second phase project would be put forward to build houses using successful technology
<u>ANTICIPATED COMPLETION:</u>	October 1978
<u>CONTACT:</u>	Native Council of Canada 77 Metcalfe Street Ottawa, Ontario

312:
325.1:93
(*424)(*424.1)

HUMAN GEOGRAPHY:
SETTLEMENT: HISTORY

Card no. 1538

<u>PROJECT TITLE:</u>	INUIT SETTLEMENT IN THE QUEBEC - NORTHWEST TERRITORIES FRONTIER ZONE DURING THE HISTORICAL PERIOD
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Québec and Nouveau-Québec
<u>PROJECT UNDERTAKEN BY:</u>	Université Laval, Centre d'études nordiques
<u>RESEARCH CO-ORDINATOR:</u>	Benoît Robitaille, Université Laval
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To study the geography of the Inuit settlement in the Quebec- Northwest Territories frontier zone during the historical period
<u>METHODOLOGY:</u>	Bibliographic and archival research; cartography of data
<u>PROJECT BEGUN:</u>	June 1978
<u>ANTICIPATED COMPLETION:</u>	March 1981
<u>CONTACT:</u>	Benoît Robitaille Centre d'études nordiques Université Laval Ste-Foy, Québec Tel.: (418) 656-3453

639:599.5:39
(*424.1)

HUNTING: WHALES: INUIT

Card no. 1572

<u>PROJECT TITLE:</u>	STUDIES ON THE DISTRIBUTION, POPULATION SIZE STOCK IDENTITY AND INUIT USE OF THE WHITE WHALES OF NORTHERN QUEBEC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Coastal waters and major river estuaries of Northern Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Makivik Corporation and L.G.L. Limited
<u>RESEARCH CO-ORDINATOR:</u>	William Kemp, Makivik Corporation
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To combine the knowledge and expertise of Inuit hunters who use the whale resource with the practical and theoretical biological knowledge of southern scientists to begin to gather baseline information on the white whales of northern Quebec
<u>METHODOLOGY:</u>	Two Phases: The first phase would consist of an office-based review of existing data from the Makivik resource harvest study supplemented by interviews with selected hunters in key communities. The second phase would consist of field studies - aerial surveys and shore-based migration watches and biological sampling from the Inuit harvest. Inuit will be trained and will participate in <u>all</u> phases of the work
<u>PROJECT BEGUN:</u>	Spring 1980
<u>ANTICIPATED COMPLETION:</u>	March 31, 1981
<u>CONTACT:</u>	William B. Kemp or Lorraine Brooke Makivik Corporation 4898 de Maisonneuve West Montreal, Quebec Tel.: (514) 483-2780

639.24:599.5:39
(*41N)

HUNTING: WHALES: NATIVE PEOPLE

Card no. 1554

PROJECT TITLE: STUDY TO EXAMINE THE FEASIBILITY OF REDUCING THE HIGH "STRUCK AND LOST" RATE IN ABORIGINAL CETACEAN HUNTS

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: LGL Limited

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs, and E.D. Mitchell, Fisheries and Oceans

RESEARCHER(S): K. Findley and J.W. Miller

FINANCIAL SUPPORT: Federal Government

PURPOSE: To design and test a more effective technology for the taking of small cetaceans by Inuit hunters

To obtain Inuit reactions and opinions about the various types of equipment being tested by offering Inuit the opportunity to participate in the test program

PROJECT BEGUN: June 1979

ANTICIPATED COMPLETION: May 1980

REPORTS AND PUBLICATIONS: 1979 Hunt for Narwhal and examination of harpoon gun technique near Pond Inlet, North Baffin Island, by Findley, K. and Miller J.W., May 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

639:59
(*424.1)(*623)

HUNTING: WILDLIFE

Card no. 1574

<u>PROJECT TITLE:</u>	RESEARCH TO ESTABLISH PRESENT LEVELS OF NATIVE HARVESTING	
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	All Inuit and Cree communities in northern Quebec covered by the James Bay and Northern Quebec Agreement	
<u>PROJECT UNDERTAKEN BY:</u>	A research committee comprised of one individual from each of the signatories to the James Bay and Northern Quebec Agreement	
<u>RESEARCH CO-ORDINATOR:</u>	Inuit portion of the research: Lorraine Brooke or William Kemp, Makivik Corporation; Cree portion of the research: Harvey Feit, Cree Regional Authority	
<u>FINANCIAL SUPPORT:</u>	Joint funding from all signatories to the James Bay and Northern Quebec Agreement	
<u>PURPOSE:</u>	Research called for in the James Bay and Northern Quebec Agreement for the purposes of assisting in the establishment of guaranteed levels of harvesting for the Inuit and Cree of northern Quebec	
<u>METHODOLOGY:</u>	Data recording calendars and diaries used by the hunters; annual collection and interviews; data analysed by computer	
<u>PROJECT BEGUN:</u>	Summer 1975	
<u>ANTICIPATED COMPLETION:</u>	1981	
<u>CONTACT:</u>	Lorraine Brooke or William Kemp Makivik Corporation 4898 de Maisonneuve West Montreal, Quebec Tel.: (514) 483 2780	or Harvey Feit Cree Regional Authority 231 St-Jacques Room 800 Montreal, Quebec Tel.: (514) 845-7281

551.326.7:330.02
(*423)

ICE, SEA: RESOURCE DEVELOPMENT

Card no. 1678

PROJECT
TITLE:

LABRADOR ICE DYNAMICS EXPERIMENT (LIDEX)

GEOGRAPHIC
LOCATION OF
PROJECT:

Labrador Sea

PROJECT
UNDERTAKEN BY:

Memorial University of Newfoundland, Newfoundland Institute
of Cold Ocean Science

RESEARCH
CO-ORDINATOR:

W.W. Denner, Memorial University of Newfoundland

RESEARCHER(S):

T.E. Keliher and N. Boston

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

- 1) To prepare a workshop on design of LIDEX
- 2) To produce the LIDEX scientific plan
- 3) To do a feasibility study of the use of satellite-reporting
buoy for monitoring ice movement

PROJECT
BEGUN:

March 1980

ANTICIPATED
COMPLETION:

1984

REPORTS AND
PUBLICATIONS:

LABRADOR ICE DYNAMICS EXPERIMENT, Workshop Report,
Memorial University of Newfoundland, March 6-8, 1980

CONTACT:

W.W. Denner
Newfoundland Institute For Cold Ocean Science
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3X7
Tel.: (709) 737-8833

325.454: 159.91
(*41)

INDIAN ADMINISTRATION: ATTITUDES

Card no. 1460

PROJECT TITLE: A SOCIO-POLITICAL INTRODUCTION TO INDIAN AFFAIRS

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: University of Calgary

RESEARCH CO-ORDINATOR: J. Rick Ponting, University of Calgary, Department of Sociology

RESEARCHER(S): J. Rick Ponting and Roger Gibbins

FINANCIAL SUPPORT: University and Private Foundations

PURPOSE: To examine:

- 1) the demographic and socio-economic structure, composition and patterns of change of the native Indian population in Canada
- 2) the attitudes of non-Indians towards Indians
- 3) the support role which non-Indian organizations in certain institutional sectors plays vis-à-vis Indians
- 4) the Department of Indian Affairs and Northern Development
- 5) Indians' political struggle for decolonization and self-determination

METHODOLOGY: Combination of survey research of the total population and intensive interviewing of key officials in Government, Indian associations, churches and foundations

REPORTS AND PUBLICATIONS: Out of Irrelevance: A Socio-Political Introduction to Indian Affairs in Canada, Butterworth, 1980, 364 pp. by J. Rick Ponting and Roger Gibbins

CONTACT; J. Rick Ponting
Department of Sociology
University of Calgary
Calgary, Alberta
T2N 1N4
Tel.: (403) 284-6501

595.7:577.4
(*41N)

INSECTS: ECOLOGY

Card no. 1578

PROJECT TITLE: REVIEW AND SYNTHESIS ON NORTHERN AND ARCTIC INSECTS

GEOGRAPHIC
LOCATION OF
PROJECT: Northern Canada

PROJECT
UNDERTAKEN BY: Entomological Society of Canada

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To increase the knowledge of the variety of Canadian insects and their role in the ecosystems. This knowledge will enhance environmental understanding and protection, agriculture and forest production, human and animal health, wildlife management and the general understanding of ecosystems important to human well-being

PROJECT
BEGUN: October 1978

ANTICIPATED
COMPLETION: June 1980

CONTACT: D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

614.449 57
(*41N)

INSECTS: PROTECTIVE MEASURES AGAINST

Card no. 1616

PROJECT TITLE: STUDY OF IMPROVED COMPOUNDS, EQUIPMENT AND METHODS
FOR BITING FLY CONTROL

GEOGRAPHIC
LOCATION OF
PROJECT: Canada North of 60°

PROJECT
UNDERTAKEN BY: Department of National Defence

RESEARCH
CO-ORDINATOR: L.D. Reed

RESEARCHER(S): P. Darcey

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To ensure that biting fly control compounds and techniques at
Canadian Forces Bases are effective with minimum environmental
disturbance

METHODOLOGY: Experimental formulations and equipment are field evaluated
at Canadian Forces Bases during the mosquito and blackfly seasons

FINDINGS: Baygon continues to be the pesticide of choice for adult mosquito
and blackfly control although some of the synthetic pyrethroids
show considerable potential

PROJECT
BEGUN: 1973

ANTICIPATED
COMPLETION: On going

CONTACT: Research and Development
Attn: DST (HP)
National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario

341:599.735.3
(*41 N)

INTERNATIONAL LAW: CARIBOU

Card no. 1677

<u>PROJECT TITLE:</u>	LEGAL ASPECTS OF AN INTERNATIONAL WILDLIFE REGIME IN THE YUKON AND ALASKA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of British Columbia, Faculty of Law
<u>RESEARCH CO-ORDINATOR:</u>	D.M. McRae, University of British Columbia
<u>RESEARCHER(S):</u>	Nigel Bankes
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To investigate the legal aspects of a proposed international wildlife convention between the United States and Canada for the protection and harvesting of the migratory caribou herd
<u>METHODOLOGY:</u>	Analysis of legal literature on sharing of resources and interview Canadian officials involved in negotiation of convention
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	June 1981
<u>REPORTS AND PUBLICATIONS:</u>	<u>The International Law of Shared Resources: A Case Study of an International Wildlife Range</u> by N. Bankes, LL.M. thesis deposited in U.B.C. Library, 1980
<u>CONTACT:</u>	D.M. McRae or Nigel Bankes University of British Columbia Faculty of Law Vancouver, British Columbia Tel.: (604) 228-3403

39:577.4:
39/80
(*440)

INUIT ETHNOGRAPHY: ECOLOGY: ETHNOLINGUISTICS

Card no. 1452

<u>PROJECT TITLE:</u>	ETHNOECOLOGY OF THE INLAND PADLIURMIUT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Eskimo Point, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Man, Canadian Ethnology Service
<u>RESEARCH CO-ORDINATOR:</u>	Michael Shouldice, McMaster University, Department of Anthropology
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To document the ethnoecology associated with the Inland Padliurmiut peoples of Eskimo Point, Northwest Territories and the caribou hunting complex by describing the environmental domain of the culture bearers' theories of the world and how it manifests itself through linguistic taxonomies
<u>PROJECT BEGUN:</u>	July 1980
<u>ANTICIPATED COMPLETION:</u>	May 1982
<u>CONTACT:</u>	Pam Moncrieff Ethnographic Field Research Contract Programme Canadian Ethnology Service National Museum of Man National Museums of Canada OTTAWA, Ontario K1A 0M8 Tel.: (613) 996-4540

INUIT: ETHNO-HISTORY

Card no. 1420

PROJECT TITLE: ETHNOHISTORY OF THE MACKENZIE ESKIMOS

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Delta Area

PROJECT UNDERTAKEN BY: Centre d'Etudes Arctiques (C.N.R.S.) (E.H.E.S.S.)

RESEARCH CO-ORDINATOR: Jean Malaurie (Professeur),
Centre d'Etudes Arctiques

RESEARCHER(S): Anne Flouquet, Centre d'Etudes Arctiques

FINANCIAL SUPPORT: Centre d'Etudes Arctiques, Université de Paris

PURPOSE: After having collected, compared and analysed all the available information about the coastal Mackenzie Delta populations from the first contacts till the middle of this century, the purpose is to outline historically the evolution of their cultural features.

The main object is to show:

- a) how the original groups were living in the limits of their territories, depending on specific resources which their material and spiritual culture corresponds to;
- b) what kind of reactions they had when they were confronted with so many changes in a very short space of time (50 years): the coming of the traders, missionaries, whalers, policemen, other Eskimo groups from the west and the east; and with them, the appearance of new techniques and ideologies which brought changes in the relation between the hunters and the land, between the hunters and the game, etc.

METHODOLOGY:

- a) systematic reading of all kinds of documents about the Mackenzie Delta area and above all reports about meeting and staying with the inhabitants;
- b) setting up a system of subject cards;
- c) treatment of these cards according to cartography.
- d) comments and thoughts arising from this special way of treating the information.

In addition, the researcher did field studies in the Mackenzie Delta area (summers 1977 and 1979) among the Inuit populations of Tuktoyaktuk, Inuvik, Paulatuk and Sachs Harbour in order to ask the oldest people about the past and the memories they have about territorial occupation and way of life and of visiting the old and now abandoned site

FINDINGS:

Confirmation or invalidation of some information gleaned from published works during fieldwork in 1977 and 1979. New questions about the pre-contact period with the help of archaeological discoveries in the area

Deepening of the knowledge about social and economic features of the different groups living along the shore of the Beaufort Sea and about the way they changed

CONTACT:

Jean Malaurie (Professeur)
Directeur de Recherches
Centre National de la Recherche Scientifique
Centre d'Etudes Arctiques
19, rue Amélie,
75007 Paris, France
Tel.: 550-2983 (or 2984)

39:159.9 (INUIT)
(*440)

INUIT: ETHNOPSCHOLOGY

Card no. 1543

<u>PROJECT TITLE:</u>	INUIT ETHNOPSCHOLOGY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Gjoa Haven, Back River, Pangnirtung, Qipisa, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	Jean L. Briggs, Memorial University
<u>RESEARCHER(S):</u>	Jean Briggs
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To study the value socialization, interpersonal games, interpersonal dynamics generally and ethnotheory of personality of the Inuit
<u>METHODOLOGY:</u>	Participant observation
<u>PROJECT BEGUN:</u>	1963
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>Aspects of Inuit Value Socialization</u> , Mercury Series, National Museum, 1979, by Jean L. Briggs
<u>CONTACT:</u>	Jean L. Briggs Department of Anthropology Memorial University of Newfoundland St. John's, Newfoundland

39:93
(*41N)

INUIT: HISTORY

Card no. 1589

<u>PROJECT TITLE:</u>	"INUIT - A WAY OF LIFE": A CULTURAL HISTORY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	Carleton University
<u>RESEARCH CO-ORDINATOR:</u>	George Swinton
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	<p>To research and interpret the cultural prehistory of the Inuit based on visual and ethnographic records (art, artifacts, archaeological data, and ethnographic material)</p> <p>To document, largely visually, the prehistory of the Inuit and their ancestors, and research and chronicle an updated and decisive overview of the evolution and manifestation of the material/intellectual cultures of the Inuit</p>
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	George Swinton Department of Art History Carleton University Ottawa, Ontario

39:392:577.4
(*462)

INUIT: KINSHIP: ECOLOGY

Card no. 1454

PROJECT TITLE: EAST BAFFIN ISLAND KINSHIP STUDY

GEOGRAPHIC LOCATION OF PROJECT: East Baffin Island, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: George Wenzel, McGill University, Center for Northern Studies and Research

FINANCIAL SUPPORT: Federal Government

PURPOSE: To undertake a study of kinship as a demographic and ecological integrator among the Inuit of the East Baffin Island coast from 1920 to 1960

METHODOLOGY: This study will involve:

- (i) Investigating the relationships between organizational directives inherent in the kinship system and the formation of temporary and long term residential aggregates in the region from Home Bay to Buchan Gulf/Coutts Inlet;
- (ii) Developing a model of local Inuit movement, settlement and resource use based on the physical, biological and social conditions particular to this region; and,
- (iii) Examining inter-group relations both within and beyond the study area

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: January 1981

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

39:82:371.214
(*440)

INUIT: LITERATURE: CURRICULUM

Card no. 1523

<u>PROJECT TITLE:</u>	THE DEVELOPMENT OF WRITTEN INUIT LITERATURE IN CANADA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Western Ontario, Department of English
<u>RESEARCH CO-ORDINATOR:</u>	James Reaney, University of Western Ontario
<u>RESEARCHER(S):</u>	Robin Gedalof
<u>FINANCIAL SUPPORT:</u>	Federal Government and University
<u>PURPOSE</u>	To document existing written Inuit literature. To trace its development from the oral tradition. To consider the possibility of using existing Inuit language material for developing curriculum
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	1981, Ph.D. Thesis
<u>REPORTS AND PUBLICATIONS:</u>	<u>A Bibliography of Canadian Inuit Literature</u> , Department of Indian Affairs, 1978 <u>Paper Stays Put; a Collection of Inuit Writing</u> , Hurtig, 1980
<u>CONTACT:</u>	Robin Gedalof 591 Princess Avenue London, Ontario N6B 2C1

39:266
(*410)

INUIT: MISSIONARY ACTIVITY

Card no. 1415

PROJECT TITLE: THE ROLE OF ANGLICAN MISSIONARIES IN THE CANADIAN
EASTERN ARCTIC, 1894-CA. 1950

GEOGRAPHIC
LOCATION OF
PROJECT: Baffin Island, Hudson Bay

PROJECT
UNDERTAKEN BY: Champlain Regional College

RESEARCH
CO-ORDINATOR: Robert G. Mayes, Champlain Regional College

PURPOSE: To analyze the role of missionaries in the ecological and spatial
reorganization of Inuit society during the fur trade period

METHODOLOGY: Analysis of primary material (letters, reports, journals) written
by missionaries and now held in public and church archives

PROJECT
BEGUN: 1980

ANTICIPATED
COMPLETION: On-going

CONTACT: Robert G. Mayes,
Department of Geography
Champlain Regional College
Lennoxville, Quebec J1M 2A1
Tel.: (819) 563-6881

39:78.031.71
(*450)

INUIT: MUSIC

Card no. 1457

<u>PROJECT TITLE:</u>	INUIT MUSICAL CULTURE IN THE KEEWATIN DISTRICT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Eskimo Point and Baker Lake, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Man, Canadian Ethnology Service
<u>RESEARCH CO-ORDINATOR:</u>	Ramon Pelinski, University of Montreal, Department of Music
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To undertake a study of the Inuit musical culture in the Keewatin district
<u>METHODOLOGY:</u>	(i) Collection of additional information on the verbalization of music among the Padleirmiutak and Ahiairmiutak and on the cultural context in which musical activities occur in Eskimo Point, Northwest Territories and, (ii) Collection, transcription, transliteration, translation and analysis of songs and throat games in Baker Lake, Northwest Territories
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	May 1981
<u>CONTACT:</u>	Pam Moncrieff Ethnographic Field Research Contract Programme Canadian Ethnology Service National Museum of Man National Museums of Canada Ottawa, Ontario K1A 0M8 Tel.: (613) 996-4540

39:78.031.71
(*440)

INUIT: MUSIC

Card no. 1458

<u>PROJECT TITLE:</u>	COPPER ESKIMO MUSIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Holman Island, Victoria Island, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Man, Canadian Ethnology Service
<u>RESEARCH CO-ORDINATOR:</u>	Jean François Le Mouel, Laboratoire d'Ethnologie, Musée de l'Homme, Paris, France
<u>RESEARCHER(S):</u>	Francoise Bouchard
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To record on tape traditional Copper Eskimo songs
<u>PROJECT BEGUN:</u>	September 1980
<u>ANTICIPATED COMPLETION:</u>	March 1981
<u>CONTACT:</u>	Pam Moncrieff Ethnographic Field Research Contract Programme Canadian Ethnology Service National Museum of Man National Museums of Canada Ottawa, Ontario K1A 0M8 Tel.: (613) 996-4540

39:618.2
(*450)(*462)

INUIT: PREGNANCY

Card no. 1416

<u>PROJECT TITLE:</u>	FACTORS ASSOCIATED WITH HIGH-RISK PREGNANCIES IN CANADIAN INUIT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Keewatin and Baffin Zones of the Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Department of Health and Welfare, Medical Services Branch
<u>RESEARCH CO-ORDINATOR:</u>	Dr. Alan I. Murdock, Health and Welfare Canada
<u>PURPOSE:</u>	To examine the potential use of published systems for scoring risk factors in pregnancy in the context of recent experience in a high-risk population - the Canadian Inuit living in the Keewatin and Baffin Zones of the Northwest Territories
<u>METHODOLOGY:</u>	Antenatal risk factors and management problems during labour and delivery were examined for 414 consecutive deliveries in the interval between January 1, 1975 and December 30, 1977. The applicability of three risk scoring systems for antenatal use was evaluated. Pregnancies were categorized as being high, moderate or low risk according to the authors' published criteria. Tests for statistical validity in predicting the outcome of pregnancy were examined in terms of risk categorization
<u>FINDINGS:</u>	Antepartum factors that indicated a significantly increased risk of problems during labour or delivery, or both, were identified. The study showed that at least three of the currently used systems for scoring risk factors in pregnancy are not appropriate for use in the Eastern Arctic
<u>PROJECT BEGUN:</u>	January 1977
<u>PROJECT COMPLETED:</u>	December 1978
<u>REPORTS AND PUBLICATIONS:</u>	"Factors Associated with High-Risk Pregnancies in Canadian Inuit". Canadian Medical Association Journal, Vol. 120 pp 219-94. February 3, 1979

CONTACT:

Dr. Alan I. Murdock
Child and Maternal Care,
Medical Services Branch,
Department of Health and Welfare
Rm. 1916, Jeanne Mance Bldg.
Tunney's Pasture,
Ottawa, Ontario
K1A 0L3
Tel.: (613)996-8845

39:394
(*440)

INUIT: SOCIAL LIFE

Card no. 1456

<u>PROJECT TITLE:</u>	SOCIAL ORGANIZATION AMONG THE IKPIARJUNGMIUT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Arctic Bay, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Man, Canadian Ethnology Service
<u>RESEARCH CO-ORDINATOR:</u>	Christopher Trott, University of Toronto, Department of Anthropology
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To undertake a study of the social organization among the Ikpiarjungmiut of Arctic Bay, Northwest Territories through a terminological analysis of social relations
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	April 1982
<u>CONTACT:</u>	Pam Moncrieff Ethnographic Field Research Contract Programme Canadian Ethnology Service National Museum of Man National Museums of Canada Ottawa, Ontario K1A 0M8 Tel.: (613) 996-4540

39:30
(*430) (*38)

INUIT: SOCIOLOGY

Card no. 1560

<u>PROJECT TITLE:</u>	COMPARATIVE STUDY OF SOCIAL CHANGE AMONG THE INUIT OF THE NORTHWEST TERRITORIES AND GREENLAND
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Coppermine, Northwest Territories and Umanak, Greenland
<u>PROJECT UNDERTAKEN BY:</u>	Jette Ashlee, University of Cambridge
<u>FINANCIAL SUPPORT:</u>	Government of Denmark and Arctic Institute of North America
<u>PURPOSE:</u>	To compare the directions of social change between two formerly similar cultures
<u>METHODOLOGY:</u>	Comparative study
<u>ANTICIPATED COMPLETION:</u>	May 1981, Ph.D. dissertation
<u>CONTACT:</u>	Jette Ashlee Northern Social Research Division Northern Affairs Program Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel.: (819) 997-9120

784.4 (Inuit)
(*41N)

INUIT: SONGS

Card no. 1586

<u>PROJECT TITLE:</u>	COMPARATIVE COMPUTER ANALYSIS OF INUIT SONGS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	Université de Montréal
<u>RESEARCH CO-ORDINATOR:</u>	Ramon Pelinsky
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To do a computer analysis of Inuit songs: 1) To carry out a pilot project with a reduced sample of 80 songs, in order to determine the validity of the project 2) Depending on the results of the pilot project, a comparative statistical analysis of different style of Inuit music in Canada, Alaska and Greenland could be done
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>A Comparative Computer Analysis of Eskimo Monodies</u> , by R. Pelinsky, L. Logrippo, P. Hickey and E. Strong
<u>CONTACT:</u>	Ramon Pelinsky Faculté de Musique Université de Montréal C.P. 6128, Succ. "A" Montréal, Québec H3C 3J7

39:711.42(2)
(*41)

INUIT: URBAN SETTING

Card no. 1682

<u>PROJECT TITLE:</u>	INUIT IN THE SOUTH
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	Inuit Tapirisat of Canada
<u>RESEARCH CO-ORDINATOR:</u>	Marsha Kaplansky
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To investigate the experiences of Inuit who have lived or do live in the South, to identify problem areas, particularly related to problems of adjustment, and to prepare a handbook of information to prepare and help Inuit who live in the South, particularly those who live in Southern Canadian cities
<u>METHODOLOGY:</u>	Informal research involving interviews with Inuit in the South. Formal research into existing literature on Inuit in the South
<u>PROJECT BEGUN:</u>	March 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Marsha Kaplansky Inuit Tapirisat of Canada 3rd Floor, 176 Gloucester Ottawa, Ontario K2P 0A6 Tel.: 238-8181

39:369.4
(*440)

INUIT: YOUTH GROUPS

Card no. 1421

<u>PROJECT TITLE:</u>	BORN TOO LATE	
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Igloolik, Northwest Territories	
<u>PROJECT UNDERTAKEN BY:</u>	Carleton University, Department of Sociology and Anthropology	
<u>RESEARCH CO-ORDINATOR:</u>	Graham Rowley, Carleton University	
<u>RESEARCHER(S):</u>	Leslie Smith and Diane Latta-Irngaut M.A. Graduate students	
<u>FINANCIAL SUPPORT:</u>	University and Federal Government	
<u>PURPOSE:</u>	An introductory field trip to formulate the basis of a research proposal for a graduate course in Anthropology which would further develop into a masters thesis proposal	
<u>METHODOLOGY:</u>	Observation/participation; interviews	
<u>FINDINGS:</u>	Inuit youths are not "marginal" but rather their community is marginal. A study is proposed for further research of the socio-economic structures of marginality within the community and the position of Inuit youth within these structures	
<u>PROJECT BEGUN:</u>	1978	
<u>ANTICIPATED COMPLETION:</u>	1979	
<u>REPORTS AND PUBLICATIONS:</u>	Research proposal: <u>Inuit Youth in a Marginal Community: A CASE Study of Igloolik, N.W.T.</u> , by Leslie Smith and Diane Latta-Irngaut. April 1979	
<u>CONTACT:</u>	Leslie Smith 400 Slater St. Apt. # 304, Ottawa, Ontario K1R 7S7	Diane Latta-Irngaut Igloolik, N.W.T. X0A 0L0

39:369.4
(*410)

INUIT: YOUTH GROUPS

Card no. 1646

<u>PROJECT TITLE:</u>	INUIT TEENAGERS' PERCEPTION OF THE MODERN WORLD
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Resolute Bay and Frobisher Bay, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	Sally Cole
<u>RESEARCHER(S):</u>	Sally Cole
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To undertake a study of how Inuit teenagers see themselves in the modern world and how it affects their lives
<u>METHODOLOGY:</u>	Interviews
<u>PROJECT BEGUN:</u>	August 1980
<u>CONTACT:</u>	Sally Cole Department of Anthropology Memorial University of Newfoundland St. John's, Newfoundland

JAMES BAY HYDROELECTRIC PROJECT: LAND USE PLANNING

Card No. 1661

<u>PROJECT TITLE:</u>	DEVELOPMENT AND PLANNING OF THE JAMES BAY TERRITORY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	James Bay Territory
<u>PROJECT UNDERTAKEN BY:</u>	James Bay Development Corporation
<u>RESEARCH CO-ORDINATOR:</u>	Georges Gantcheff and Raymond Bergeron, James Bay Development Corporation
<u>FINANCIAL SUPPORT:</u>	Federal Government and James Bay Development Corporation
<u>PURPOSE:</u>	To analyse the actual situation of the James Bay territory in order to forecast the evolution of the development
<u>METHODOLOGY:</u>	Preparation of eight "inventory" documents; preparation of problematical files and scenarios for the "resources" sectors, and integration of all material
<u>FINDINGS:</u>	Natural resources territory highly affected by the hydroelectric development
<u>PROJECT BEGUN:</u>	1975
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>Orientation du développement et de l'aménagement du territoire de la Baie James, Société de développement de la Baie James,</u> juin 1980
<u>CONTACT:</u>	Georges Gantcheff Directeur, Environnement et Aménagement du Territoire Société de développement de la Baie James Bureau 2200 Boul. de Maisonneuve 800 est, Montréal, Québec Tel.: 284-0270, poste 177-179

347.97/.99:347.99
(*41)

JUSTICE: COURTS

Card no. 1441

<u>PROJECT TITLE:</u>	EVALUATION OF THE NATIVE COURTWORKER PROGRAMME
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	Department of Justice
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To evaluate the effect of the Native Courtworker Program on the administration of justice to native peoples. The native courtworker programmes are funded by the Department of Justice in conjunction with the provinces and territories. The evaluation will study the effectiveness of the various projects in meeting their goals, their efficiency, the nature of the programmes
<u>METHODOLOGY:</u>	Design of a data base and evaluation format for implementing across Canada. The project will monitor the programmes on an on-going basis with input from courtworkers. Periodic special studies will be conducted in particular regions
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Robert J. Wilson Director Evaluation and Statistics Section Department of Justice Ottawa, Ontario K1A 0H8 Tel.: (613) 992-0594

347.97/.99:93
(*440)

JUSTICE ADMINISTRATION: HISTORY

Card No. 1656

<u>PROJECT TITLE:</u>	HISTORICAL ANALYSIS OF CORRECTIONS IN THE NORTHWEST TERRITORIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Department of Indian and Northern Affairs, Northern Social Research Division
<u>RESEARCH CO-ORDINATOR:</u>	Harold Finkler
<u>RESEARCHER(S):</u>	Harold Finkler
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To conduct a review/description of the historical development of corrections in the Northwest Territories. To analyse correctional statistics for the period 1967-1980. To contribute to a further understanding of the administration of criminal justice in the Northwest Territories
<u>PROJECT BEGUN:</u>	May 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Harold Finkler Northern Social Research Division Northern Co-ordination and Social Development Branch Northern Affairs Program Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel.: (819) 997-9666

556.55:556.535.2
(*472)

LAKES: WATER LEVELS

Card no. 1475

<u>PROJECT TITLE:</u>	MACKENZIE DELTA LAKE REGIME STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Mackenzie Delta
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada, Snow and Ice Division, Northern Hydrology Section
<u>RESEARCH CO-ORDINATOR:</u>	John C. Anderson, Environment Canada
<u>RESEARCHER(S):</u>	John C. Anderson, C.P. Lewis
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To determine water level regimes of a variety of lakes in the Mackenzie Delta under existing Mackenzie River flow conditions, in order to assess the impact of possible increased flow regulation upon delta lakes
<u>METHODOLOGY:</u>	Commenced instrumentation of selected lakes in 1980: staff gauges, time-lapse cameras
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	John C. Anderson Snow and Ice Division Environment Canada Ottawa, Ontario K1A 0E7 Tel.: 997-2385

711:347.2
(*427)

LAND USE: LAND USE REGULATIONS

Card no. 1437

PROJECT TITLE: NORTHERN SASKATCHEWAN LAND USE

GEOGRAPHIC LOCATION OF PROJECT: Northern Saskatchewan

PROJECT UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCHER(S): Ray Begrand

FINANCIAL SUPPORT: Provincial Government

PURPOSE:

- (1) To summarize land use issues and conflicts
- (2) To review land use regulations and gaps
- (3) To review land classification systems and associated methodologies
- (4) To identify the status and implication of land entitlements for the five bands in the Northern Administration District

METHODOLOGY: Review and analyze secondary source materials as well as contact various people in government and academic communities

PROJECT BEGUN: July 1979

ANTICIPATED COMPLETION: January 1980

REPORTS AND PUBLICATIONS: Land Use in Northern Saskatchewan, Institute for Northern Studies, January 1980

CONTACT: Jeff Whiting,
Saskatchewan Research Council,
University of Saskatchewan,
Saskatoon, Saskatchewan
S7N 0W0

711:330.15
(*423)

LAND USE: NATURAL RESOURCES

Card no. 1708

PROJECT TITLE: LAND AND RESOURCE USE IN SOUTHERN COASTAL LABRADOR

GEOGRAPHIC
LOCATION OF
PROJECT: Labrador Coast from Sandwich Bay to Blanc Sablon

PROJECT
UNDERTAKEN BY: Memorial University of Newfoundland, Labrador Institute of
Northern Studies

RESEARCH
CO-ORDINATOR: Lawrence Jackson, Memorial University of Newfoundland

FINANCIAL
SUPPORT: Federal Government and Industry

PURPOSE: To document the nature and extent of traditional and contemporary
resource harvesting by residents of Southern Labrador in the
areas of hunting, trapping, commercial fishing, wood-cutting and
berry picking, inland and along the coast

METHODOLOGY: Coastal residents (usually young people), were hired to interview
hunters, trappers and fishermen concerned their commercial and
subsistence harvest activities. Areas of use were recorded on
maps and interviews were taped. Maps are now being compiled
and refined

PROJECT
BEGUN: 1978

ANTICIPATED
COMPLETION: June 1981

CONTACT: Lawrence Jackson
Labrador Institute of Northern Studies
Memorial University of Newfoundland
Box 309, Station "A"
Goose Bay, Labrador
Tel.: 896-2978

711.2
(*62)

LAND USE PLANNING

Card No. 1662

PROJECT TITLE: NORTHERN SHORE ZONE MANAGEMENT (II)

GEOGRAPHIC
LOCATION OF
PROJECT: North Slope Burrough, Alaska

PROJECT
UNDERTAKEN BY: Norman Dale, Consultant, Halifax

RESEARCH
CO-ORDINATOR: Ronald D. Bailey, Water Management Section, Department of
Indian and Northern Affairs

RESEARCHER(S): Norman Dale

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To investigate, review and assess the North Slope Burrough's attempt
to plan and manage their ocean shore zone in the Beaufort Sea
Region

METHODOLOGY:

1. Describe planning relating to: (a) development of offshore energy resources, (b) transportation and harbor development (c) changing land ownership patterns
2. Describe how local and native groups have been integrated into planning process
3. Describe expected changes in permitting processes to accommodate plan

PROJECT
BEGUN: August 1980

ANTICIPATED
COMPLETION: March 1981

REPORTS AND
PUBLICATIONS: Northern Shore Zone Management, by Norman Dale March 1979

CONTACT: Ronald D. Bailey
Water Management Section
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0559

711
(*440)

LAND UTILIZATION

Card no. 1473

PROJECT TITLE: NORTHERN LAND USE INFORMATION SERIES

GEOGRAPHIC LOCATION OF PROJECT: North Baffin, Lancaster Sound, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Lands Directorate and Department of Indian and Northern Affairs, Northern Environmental Protection Branch

RESEARCH CO-ORDINATOR: Garry G. McLean, Environment Canada, Lands Directorate and D.M. Barnett, Department of Indian and Northern Affairs

RESEARCHER(S): J. Moore, J. Reid, R. Decker, G. MacDonald, B. Stewart

FINANCIAL SUPPORT: Federal Government

PURPOSE: To provide environmental data in a convenient format to assist in land use planning and management

METHODOLOGY: The maps present available information on native land use, archaeological and historical sites, wildlife habitat, fisheries, forestry and recreational potential, townsites and industrial development location; all on topographic base at a scale of 1:250,000

FINDINGS: Research findings are published on the Land Use Information Map Series. Additional information is available from "handbooks" published in the Environmental studies series (DIAND) e.g. ES8, 10, 11, 17

PROJECT BEGUN: 1972

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Northern Land Use Information Series. Areas 1 to 7 in the index. Summer 1980. Area 8, 31 maps at a scale 1:250,000 for Wager Bay - Back Lowland. Map distribution: Canada Map Office, Department of Energy Mines and Resources, Ottawa, K1A 0E9

CONTACT:

Garry G. McLean
Lands Directorate
Environment Canada
Ottawa, Ontario
K1A 0E7
Tel.: 997-2240

or

D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection
Branch
Northern Affairs Program
Department of Indian and Northern
Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

711:59
(*440)

LAND UTILIZATION: WILDLIFE

Card no 1633

PROJECT TITLE: LAND USE AND WILDLIFE RESOURCES IN HOLMAN, COPPERMINE
AND CAMBRIDGE BAY

GEOGRAPHIC
LOCATION OF
PROJECT: Holman, Coppermine and Cambridge Bay, Northwest Territories

PROJECT
UNDERTAKEN BY: Kluane Consulting

RESEARCH
CO-ORDINATOR: Roy Jacobson, Kluane Consulting

FINANCIAL
SUPPORT: Industry

PURPOSE: To undertake a study of how the land and its resources (wildlife
principally) are utilized in the day to day life of the residents
of the communities

PROJECT
BEGUN: June 1980

ANTICIPATED
COMPLETION: September 1980

CONTACT: Roy Jacobson
Kluane Consulting
Box 1267
Yellowknife, Northwest Territories

809.712:
801.321.1
(*440)

LANGUAGE, ATHAPASKAN: DICTIONARY

Card no. 1469

<u>PROJECT TITLE:</u>	SLAVEY VERB DICTIONARY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Fort Simpson, Fort Liard, Hay River, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Education
<u>RESEARCH CO-ORDINATOR:</u>	P.G. Howard, Government of the Northwest Territories
<u>RESEARCHER(S):</u>	Margaret Howard, Ted Trindell and Andy Norwegian
<u>FINANCIAL SUPPORT:</u>	Federal Government and Territorial Government
<u>PURPOSE:</u>	To produce an accurate listing of the verbs of the southern Slavey dialect, including extensive but not exhaustive information on inflections, derivations, etc. To include about 3,000 verbs
<u>METHODOLOGY:</u>	Compilation and classification of data collected over many years; elicitation of new data; exhaustive checking and re-checking of the data
<u>PROJECT BEGUN:</u>	January 1978
<u>ANTICIPATED COMPLETION:</u>	December 1980
<u>CONTACT:</u>	P.G. Howard Department of Education Government of the Northwest Territories Yellowknife, Northwest Territories X1A 2L9 Tel.: (403) 873-7692

809.7:654.19
(*429)

LANGUAGE, BEAVER: RADIO DOCUMENTARY

Card no. 1571

<u>PROJECT TITLE:</u>	BEAVER INDIAN SOUND TRADITIONS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northeast British Columbia
<u>PROJECT UNDERTAKEN BY:</u>	University of British Columbia, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	W.R. Ridington
<u>RESEARCHER(S):</u>	Jillian Ridington, Howard Broomfield
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	Collection of field recordings suitable for documentary production
<u>METHODOLOGY:</u>	Field recordings
<u>FINDINGS:</u>	Radio documentaries
<u>PROJECT BEGUN:</u>	June 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	CBC Radio Documentary for <u>Our Native Land</u> and <u>The Humby Collection</u>
<u>CONTACT:</u>	W.R. Ridington Department of Anthropology University of British Columbia Vancouver, British Columbia V6T 2B2 Tel.: 228-4389

80:37
(*410)

LANGUAGE: EDUCATION

Card no. 1632

PROJECT TITLE: INVESTIGATION OF THE ACQUISITION OF CERTAIN LINGUISTIC STRUCTURES WHEN TRYING TO LEARN A SECOND LANGUAGE

GEOGRAPHIC LOCATION OF PROJECT: Frobisher Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Université de Montréal, Faculté des sciences de l'éducation

RESEARCH CO-ORDINATOR: Alison d'Anglejan, Université de Montréal

RESEARCHER(S): Alison d'Anglejan, R. Singh, I. Mazurkevich

FINANCIAL SUPPORT: University

PURPOSE: To investigate the acquisitions of certain linguistic structures in English by French Canadian high school students who are learning English as a second language. To carry out the same set of tests with a group of high school students, such as the Inuit, who are also learning English as a second language, but who are from a completely different language family. In this way it will be possible to compare the unconscious learning strategies used by the two groups

METHODOLOGY: Written test, test of intuitive judgements to sentences which are presented in writing, and a listening comprehension test

PROJECT BEGUN: January 1980

CONTACT: Alison d'Anglejan
Faculté des sciences de l'éducation
Université de Montréal
Case Postale 6203, Succursale A
Montréal, (Québec)
H3C 3T3

80:37:39
(*424)

LANGUAGE: EDUCATION: NATIVE PEOPLE

Card no. 1714

PROJECT TITLE: LANGUAGE OF EDUCATION: POLICY SURVEY

GEOGRAPHIC
LOCATION OF
PROJECT: Eight Cree Communities in Northern Quebec: Great Whale River,
Fort George (Chisaibi), Wllminji (Paint Hills), East-main, Rupert
House, Nemiscau, Mistassini, Waswanipi

PROJECT
UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH
CO-ORDINATOR: Adrian Tanner, Memorial Univiersity of Newfoundland

RESEARCHER(S): Adrian Tanner

FINANCIAL
SUPPORT: Native Association

PURPOSE: To evaluate the opinion of Cree communities to recent policy
innovations in Cree language of instruction. To enquire into the
expectations of parents regarding language education of their
children at school. To evaluate various policies and objectives
which might be followed by the Cree School Board. To formulate
policy concerning teaching in the Cree Language and the teaching
of English and French

METHODOLOGY:

- Questionnaire interviews with parents
- Interviews with School Committee members, school teachers,
school board administrators
- Investigation of the recent changes made in the Cree educational
system - Interviews with Educational Administrators

PROJECT
BEGUN: January 1981

ANTICIPATED
COMPLETION: June 1981

CONTACT: Adrian Tanner
Cree School Board
Rupert House, Quebec
J0M 1R0

809.475
(*410) (*381)

LANGUAGE: INUIT

Card no. 1463

<u>PROJECT TITLE:</u>	ANTHROPOLOGY OF THE INUIT LANGUAGE: SEMANTIC CHANGES AND DIGLOSSIA IN EASTERN ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canadian Eastern Arctic and Eastern Greenland
<u>PROJECT UNDERTAKEN BY:</u>	Université Laval, Département d'Anthropologie
<u>RESEARCH CO-ORDINATOR:</u>	Louis-Jacques Dorais, Université Laval
<u>RESEARCHER(S):</u>	Louis-Jacques Dorais
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To compare socio-linguistic changes in Eastern Greenland with changes in the Eastern Arctic
<u>PROJECT BEGUN:</u>	September 1979
<u>ANTICIPATED COMPLETION:</u>	1984
<u>CONTACT:</u>	Louis-Jacques Dorais Département d'Anthropologie Université Laval Québec, Québec G1K 7P4 Tel.: 656-7596

809.475
(*622)

LANGUAGE: INUIT

Card no. 1537

<u>PROJECT TITLE:</u>	AFFIXATION IN INUKTITUUT AND ITS IMPACT UPON MEETING THE NEEDS OF MODERN LIFE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Ungava region
<u>PROJECT UNDERTAKEN BY:</u>	McGill University, Department of Linguistics
<u>RESEARCH CO-ORDINATOR:</u>	Nicole Domingue, McGill University
<u>RESEARCHER(S):</u>	Janet Weinroth
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	Linguistic analysis of a morphological problem in the language
<u>METHODOLOGY:</u>	Study of the literature on affixation in Inuktituut; creation of a corpus for the dialects of Kujjuaq and Sugluk; analysis of this corpus
<u>PROJECT BEGUN:</u>	1978-79
<u>ANTICIPATED COMPLETION:</u>	1981, M A. Thesis
<u>CONTACT:</u>	Janet Weinroth 316 Cote St. Antoine Montreal, Quebec Tel.: (514) 935-7795

809.475
(*423)

LANGUAGE: INUIT

Card no. 1587

PROJECT TITLE: LABRADOR INUTTUT SYNTAX

GEOGRAPHIC
LOCATION OF
PROJECT: Labrador

PROJECT
UNDERTAKEN BY: Memorial University of Newfoundland

RESEARCH
CO-ORDINATOR: Lawrence Smith, Memorial University of Newfoundland

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To investigate the sentence structure of the Labrador dialect of Inuktitut. This instrumental analysis will aid in the grammatical analysis of text and is of particular interest with regard to discovering the conventional rules of punctuation of Labrador Inuttut; it will provide basic research that needs to be done in order to teach Inuttut more effectively as a second language

METHODOLOGY: Biographies and narratives obtained in written and verbal form will be computerized as a data base. Various computer-produced sorts and concordances will then be used in conjunction with traditional field work to discover grammatical generalizations. The data will be written in phonemic transcription, and complemented with instrumentally produced prosodic transcriptions

PROJECT
BEGUN: 1979

ANTICIPATED
COMPLETION: 1980

CONTACT: Lawrence Smith
Department of Linguistics
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3X9
Tel.: 753-1200

809.475
(*440)

LANGUAGE: INUIT

Card no. 1623

PROJECT TITLE: INUKTITUT SUFFIX HANDBOOK STUDY

GEOGRAPHIC
LOCATION OF
PROJECT: Coppermine, Northwest Territories

PROJECT
UNDERTAKEN BY: Institut for Eskimologi, København Universitet

RESEARCH
CO-ORDINATOR: Michael Fortescue

RESEARCHER(S): Michael Fortescue

FINANCIAL
SUPPORT: Danish Research Council

PURPOSE: To undertake a study of productive suffixes in the Inuktitut Language to produce a handbook on the interdialect differences in these suffixes and, to promote better communications between Inuit groups in circumpolar countries

PROJECT
BEGUN: June 1980

ANTICIPATED
COMPLETION: On-going

CONTACT: Michael Fortescue
Institut for Eskimologi
København Universitet
Norregade 20
1165 København K, Denmark

809.475
(*440)

LANGUAGE: INUIT

Card no. 1649

<u>PROJECT TITLE:</u>	GRAMMATICAL ANALYSIS OF THE INUKTITUT LANGUAGE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Rankin Inlet, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Western Ontario, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	Marion Johnson
<u>RESEARCHER(S):</u>	Marion Johnson
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To continue a grammatical analysis study program of the Inuktitut language
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Marion Johnson Department of Anthropology University of Western Ontario London, Ontario N6A 5C2

809.475:801.321.1
(*410)

LANGUAGE, INUIT: DICTIONARY

Card no. 1464

PROJECT TITLE: ENGLISH TRANSLATION AND COMPUTERIZATION OF L. SCHNEIDER'S
"DICTIONNAIRE ESQUIMAU-FRANÇAIS DE L'UNGAVA"

GEOGRAPHIC
LOCATION OF
PROJECT: Canadian Eastern Arctic

PROJECT
UNDERTAKEN BY: Association Inuksiutiit Katimaviit Inc.

RESEARCH
CO-ORDINATOR: Louis-Jacques Dorais, Université Laval

RESEARCHER(S): Dermot R.F. Collis

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To translate and computerize L. Schneider's dictionary in order
to make it available to the English-speaking public

METHODOLOGY: Computer use

PROJECT
BEGUN: February 1979

ANTICIPATED
COMPLETION: December 1980

CONTACT: Louis-Jacques Dorais
Département d'Anthropologie
Université Laval
Québec, Québec
G1K 7P4
Tel.: 656-7596

809.475:
801.321.1
(*440)

LANGUAGE, INUIT: DICTIONARY

Card no. 1544

<u>PROJECT TITLE:</u>	UTKUHIKHALINGMIUT AND QIPISAMIUTITUT POSTBASE DICTIONARIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Gjoa Haven, Back River, Pangnirtung, and Qipisa, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Department of Anthropology
<u>RESEARCH CO-ORDINATOR:</u>	Jean L. Briggs, Memorial University
<u>RESEARCHER(S):</u>	Jean L. Briggs
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To prepare the Utkuhikhalingmiut and Qipisamiutitut postbase dictionaries
<u>METHODOLOGY:</u>	Linguistic informants
<u>PROJECT BEGUN:</u>	1968
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Jean L. Briggs Department of Anthropology Memorial University of Newfoundland St. John's, Newfoundland

801.321.1
(*424.1)

LANGUAGE, NASKAPI: DICTIONARY

Card no. 1680

<u>PROJECT TITLE:</u>	PREPARATION OF A DICTIONARY OF THE NASKAPI LANGUAGE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Schefferville, Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Naskapi Development Corporation
<u>RESEARCH CO-ORDINATOR:</u>	Elijah Einish
<u>RESEARCHER(S):</u>	Donald Peastitute, Lara Martens, Marguerite MacKenzie
<u>FINANCIAL SUPPORT:</u>	Provincial Government and Native Association
<u>PURPOSE:</u>	To compile a dictionary (Naskapi-English-French) of the Naskapi language
<u>METHODOLOGY:</u>	Informants and tests
<u>FINDINGS:</u>	Approximately 8,000 words selected to date
<u>PROJECT BEGUN:</u>	November 1979
<u>ANTICIPATED COMPLETION:</u>	November 1982
<u>CONTACT:</u>	Naskapi Development Corporation Box 970 Schefferville, Québec G0G 2T0 Tel.: (418) 585-2587

159.92:301.172:37
(*427)

LEADERSHIP: EDUCATION

Card. no. 1424

PROJECT TITLE: COMMUNITY LEADERSHIP TRAINING: ORGANIZING FOR SELF-RELIANCE

GEOGRAPHIC LOCATION OF PROJECT: Sandy Bay, LaRonge, Pinehouse, Saskatchewan

PROJECT UNDERTAKEN BY: University of Regina, Faculty of Social Work

RESEARCH CO-ORDINATOR: Martin L. Cohnstaedt, Consultant, Professor of Sociology

RESEARCHER(S): Tom Ludwig, Lecturer, Faculty of Social Work, Community Organizer

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: The development of self-reliance, self-determination and the training of community leadership

METHODOLOGY: A resident organizer provided the local communities with opportunities for education and research

PROJECT BEGUN: January 1977

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Northern Saskatchewan: Opportunities In a Dilemma A preliminary Research Report. 1978
Value Conflict in Development. 1980

CONTACT: Martin L. Cohnstaedt, Department of Sociology, University of Regina, Regina, Saskatchewan S4S 0A2 Tel.: (306)584-4571
Tom Ludwig or Harvey Stalwick, Faculty of Social Work, University of Regina, Regina, Saskatchewan S4S 0A2

LOCAL GOVERNMENT

Card No. 1657

<u>PROJECT TITLE:</u>	INDIAN LOCAL GOVERNMENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	Ron Nadeau, University of Manitoba
<u>RESEARCHER(S):</u>	Ron Nadeau
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To give a brief introduction to some of the concepts of Indian local government which have evolved since the end of the second World War
<u>METHODOLOGY:</u>	Literature review and synopsis
<u>PROJECT BEGUN:</u>	December 1979
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	Patricia Tighe Program Reference Centre Indian and Inuit Affairs Program Department of Indian and Northern Affairs Ottawa, Ontario K1A 0H4 Tel.: (819) 997-9117

352:330.02
(*41N)

LOCAL GOVERNMENT: ECONOMIC DEVELOPMENT

Card no. 1581

<u>PROJECT TITLE:</u>	EASTERN ARCTIC STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Inuit Tapirisat land claim area
<u>PROJECT UNDERTAKEN BY:</u>	Queen's University
<u>RESEARCH CO-ORDINATOR:</u>	Katherine A. Graham, Queen's University, Institute of Local Government and C. George Miller, Queen's University, Centre for Resource Studies
<u>RESEARCHER(S):</u>	Anne B. McAllister, Margot Wojciechowski, Sharon Brown
<u>FINANCIAL SUPPORT:</u>	Private foundation
<u>PURPOSE:</u>	To study the implications of the land claim of the Inuit Tapirisat of Canada for local governance and for industrial development
<u>METHODOLOGY:</u>	Analysis of land claim settlement options and their implications for local governance and industrial development. Case studies of examples of past development impact on communities and possible approaches to future development
<u>PROJECT BEGUN:</u>	November 1980
<u>ANTICIPATED COMPLETION:</u>	January 1983
<u>CONTACT:</u>	Katherine A. Graham Principal Investigator Eastern Arctic Study c/o Institute of Local Government Queen's University Kingston, Ontario K7L 3N6 Tel.: (613) 547-3292

352:330.02:
334
(*41N)

LOCAL GOVERNMENT: ECONOMIC DEVELOPMENT: COOPERATIVES

Card no. 1566

<u>PROJECT TITLE:</u>	CANADA FUNDED DEVELOPMENT SYSTEMS: FIRST PHASE REPORT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Quebec, Canadian North, and Canada
<u>PROJECT UNDERTAKEN BY:</u>	Policy Development Group Limited
<u>RESEARCH CO-ORDINATOR:</u>	Gilberte Lavoie Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	Walter Rudnicki, Policy Development Group Limited
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To survey and evaluate various forms of development systems in terms of their ability to achieve natives' objectives
<u>METHODOLOGY:</u>	Analysis of the Northern Quebec situation with Makivik and the cooperatives. Survey of other organizations in Canada
<u>PROJECT BEGUN:</u>	March 1979
<u>ANTICIPATED COMPLETION:</u>	November 1979
<u>REPORTS AND PUBLICATIONS:</u>	<u>Canada Funded Development Systems: First Phase Report</u> , November 1979, by Rudnicki, Walter
<u>CONTACT:</u>	Gilberte Lavoie Northern Regional Planning Division Northern Economic Planning Branch Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel.: (819) 997 0660

352:330.02:
334
(*440)(*49)

LOCAL GOVERNMENT: ECONOMIC DEVELOPMENT: COOPERATIVES

Card no. 1567

PROJECT TITLE: CLAIMS FUNDED DEVELOPMENT SYSTEMS

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories and Alaska

PROJECT UNDERTAKEN BY: Donald Snowden Production Limited and Film/Video Communications Research and Productions

RESEARCH CO-ORDINATOR: Gilberte Lavoie, Department of Indian and Northern Affairs

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To analyse and evaluate pertinent experiences of native development corporations and other native oriented structures
- To develop guidelines and propose alternative forms of structure which would achieve the natives' objectives cited above

METHODOLOGY: Interview of organizational representatives, government officials and private individuals associated with developments in the Northwest Territories and Alaska. After an analysis of data, observation and guidelines will be undertaken

PROJECT BEGUN: January 1981

ANTICIPATED COMPLETION: September 1981

CONTACT: Gilberte Lavoie
Regional Planning Division
Northern Economic Planning Branch
Northern Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0660

MARINE BIOLOGY

Card no. 1548

PROJECT TITLE: WINTER PHYTOPLANKTON IN DAVIS STRAIT

GEOGRAPHIC
LOCATION OF
PROJECT: Davis Strait

PROJECT
UNDERTAKEN BY: Department of Fisheries and Oceans, Arctic Biological Station

RESEARCH
CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): J. Bunch, Fisheries and Oceans

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To work up samples obtained incidentally during the 1978 Eastern Arctic Marine Environmental Studies Program in Davis Strait which indicate unusually high winter abundances of phytoplankton in the area. Such concentrations are of extreme ecological significance and hitherto unrecorded for any arctic marine area

PROJECT
BEGUN: 1978

ANTICIPATED
COMPLETION: April 1979

REPORTS AND
PUBLICATIONS: Microbiological Observations in South Davis Strait, Arctic Biological Station, Department of Fisheries and Oceans, April 1979

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

577.4(26)
(*41N)

MARINE ECOLOGY

Card no. 1511

PROJECT TITLE: BIOLOGICAL OCEANOGRAPHY

GEOGRAPHIC LOCATION OF: Frobisher Bay and adjacent waters, Baffin Island, Canadian Arctic
PROJECT: Seas

PROJECT UNDERTAKEN BY: Fisheries and Oceans Canada, Arctic Biological Station

RESEARCH CO-ORDINATOR: E.H. Grainger, Arctic Biological Station

RESEARCHER(S): J.N. Bunch, E.H. Grainger, S.I.C. Hsiao, J.A. Percy and J.W. Wacasey

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To develop understanding of the major interactions within the Arctic marine ecosystem in order to predict the consequence of environmental disturbance, and to describe the environmental base of the resource species

METHODOLOGY: Field collections, laboratory analyses, in situ and laboratory experiments

PROJECT BEGUN: 1976

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Six reports on various subjects produced on Frobisher Bay studies since 1976

CONTACT: E.H. Grainger
Arctic Biological Station
Ste. Anne de Bellevue
Quebec
H9X 3R4
Tel.: (514) 457-3660

347.79:656.6:502.7
(*41 N)

MARITIME LAW: TRANSPORTATION: ENVIRONMENT CONSERVATION

Card no. 1676

<u>PROJECT TITLE:</u>	LEGAL ASPECTS OF MARITIME TRANSIT IN THE ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of British Columbia, Faculty of Law
<u>RESEARCH CO-ORDINATOR:</u>	D.M. McRae, University of British Columbia
<u>RESEARCHER(S):</u>	John Goundrey
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To investigate the environmental implications of marine transit in the Arctic to determine whether existing laws are adequate and whether Canada has the jurisdiction under international law to regulate marine transit in the appropriate manner
<u>METHODOLOGY:</u>	Survey of literature on environmental effects of marine transit in the Arctic, analysis of international and domestic laws and interview with government and industry officials
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	December 1981
<u>CONTACT:</u>	D.M. McRae or John Goundrey Faculty of Law University of British Columbia Vancouver, British Columbia Tel.: (604) 228-3403

622:330.02
(*430)(*440)

MINING: ECONOMIC DEVELOPMENT

Card no. 1697

PROJECT TITLE: CASHIM - A MINING CASHFLOW SIMULATION MODEL

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs

RESEARCH CO-ORDINATOR: Marcel St-Pierre, Department of Indian and Northern Affairs

RESEARCHER(S): Harmit Bajaj, Del Stewart and Marcel St-Pierre

FINANCIAL SUPPORT: Federal Government

PURPOSE: To assist in carrying out cashflow analysis of mining project or existing mining operation. It calculates production, revenue and expenses, corporate income tax, royalty, cashflow and measures of performance such as I.R.O.R. before and after tax, payback period, effective tax rates

METHODOLOGY: Model specifications were developed in house and consultant was hired to computerize the model

PROJECT BEGUN: November 1974

ANTICIPATED COMPLETION: February 1981

CONTACT: Marcel St-Pierre
Resources Section
Northern Economic Planning
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0022

622.341:
(*423)

MINING, IRON ORE

Card no. 1716

<u>PROJECT TITLE:</u>	IRON ORE DUST SOURCE STUDY: GEOLOGICAL ASPECTS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Labrador City, Wabush, Newfoundland and Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Labrador Institute of Northern Studies, Department of Engineering
<u>RESEARCH CO-ORDINATOR:</u>	W. Campbell, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	Dr. Tom J. Calon
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	Evaluation of mineral dust sources, and dust sources pertaining to mining operations in the iron ore mines of Western Labrador
<u>METHODOLOGY:</u>	Petrological analysis and modelling of past and present mining operations with regard to output of minerals
<u>PROJECT BEGUN:</u>	July 1980
<u>ANTICIPATED COMPLETION:</u>	October 1981
<u>CONTACT:</u>	Dr. Tom J. Calon Labrador Institute of Northern Studies Department of Engineering Memorial University of Newfoundland St. John's, Newfoundland A1B 3X5 <u>Tel.:</u> (709) 737-8398

599.735.5:591.543.4
(*41N)

MUSKOX: MIGRATION

Card no. 1501

<u>PROJECT TITLE:</u>	BAILEY POINT AND OTHER MUSKOX REFUGIA IN THE CANADIAN ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Bailey Point, Canadian Arctic
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada, Canadian Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division
<u>RESEARCHER(S):</u>	D.C. Thomas
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	<ul style="list-style-type: none">- To continue to monitor changes in the numbers of muskoxen on Bailey Point, NWT which began in 1972- To review the literature to identify areas with the highest concentrations of muskoxen in Canada
<u>METHODOLOGY:</u>	Annual aerial surveys of Bailey Point to obtain a total count of numbers
<u>FINDINGS:</u>	The number of muskoxen on Bailey Point remained relatively stable at 350 - 500 over the period 1972 - 1980
<u>PROJECT BEGUN:</u>	1972
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	D.C. Thomas 5320 - 122 Street Edmonton, Alberta Tel.: 435-7351

599.735.5 (OVIBOS MUSCHATUS):
591.51
(*464.2) (*464.8)

MUSKOXEN: BEHAVIOUR

Card no. 1679

<u>PROJECT TITLE:</u>	THE ETHOLOGY OF MUSKOXEN
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Sverdrup Pass, Ellesmere Island and Polar Bear Pass, Bathurst Island
<u>PROJECT UNDERTAKEN BY:</u>	National Museum of Natural Sciences
<u>RESEARCH CO-ORDINATOR:</u>	David R. Gray, National Museum of Natural Sciences
<u>FINANCIAL SUPPORT:</u>	Federal Government and World Wildlife Fund
<u>PURPOSE:</u>	To document and describe the ethology (behaviour) of muskoxen
<u>METHODOLOGY:</u>	Observational techniques and documentation through ciné film and sound recordings
<u>PROJECT BEGUN:</u>	1973
<u>ANTICIPATED COMPLETION:</u>	1981, Ph. D. Thesis
<u>REPORTS AND PUBLICATIONS:</u>	"Movements and Behaviour of Tagged Muskoxen (Ovibos moschatus) on Bathurst Island, N.W.T.", Musk-ox 25, 1979, by Gray, David R.
<u>CONTACT:</u>	David R. Gray Assistant Curator, Vertebrate Ethology National Museum of Natural Sciences Ottawa, Ontario K1A 0M8 Tel.: (819) 998-4141

NATIVE PEOPLE, ADMINISTRATION: TREATIES

Card no. 1701

PROJECT TITLE: INDIAN LEGISLATION

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: Department of Indian and Northern Affairs, Treaties and Historical
Research Centre

RESEARCH
CO-ORDINATOR: Treaties and Historical Research Centre

RESEARCHER(S): Gail Hinge

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To edit and update Part II of the four-part report entitled The Consolidation of Indian Legislation, prepared by Gail Hinge for the Office of Native Claims. This work focuses on the Indian Acts and their amendments

METHODOLOGY: The content of both volumes is arranged in chronological order. The various Indian Acts and their amending acts are reproduced in their entirety. All amending sections are underlined. Citations to the amending acts are given in the margin

ANTICIPATED
COMPLETION: March 1981

REPORTS AND
PUBLICATIONS: Volume I, Indian Acts and Amendments 1868-1950
Volume II, Contemporary Indian Legislation, Treaties and Historical
Research Centre, Department of Indian and Northern Affairs

CONTACT: Treaties and Historical Research Centre
Corporate Policy
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4

39:312:711.42
(*425)

NATIVE PEOPLE: DEMOGRAPHY: COMMUNITY PLANNING

Card no. 1423

PROJECT TITLE: ONTARIO METIS AND NON STATUS INDIANS. A DEMOGRAPHIC AND SOCIO-ECONOMIC PROFILE

GEOGRAPHIC LOCATION OF PROJECT: Rainy River - Kenora, Thunder Bay, Cochrane, Algoma and Sudbury, Simcoe, Renfrew, Nipissing and Parry Sound, Ontario

PROJECT UNDERTAKEN BY: Ministry of Culture and Recreation, Native Community Branch, Government of Ontario

RESEARCH CO-ORDINATOR: Pam Dalseg, Ministry of Culture and Recreation Government of Ontario

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To provide more accurate statistics of Métis and Non Status people throughout Ontario and to use this community profile and demographic study as a tool in examining special need areas

METHODOLOGY: Native Community Branch field staff and summer students have been involved since May 1978 in compiling information for community profiles. Information was collected by interview on such variables as age, sex, composition of households, educational achievement, social welfare and labour force status as well as dwellings and facilities. The survey was designed as a universal canvass of all Métis and non Status Indians residing in each of the 66 localities selected. A random sample format was immediately discarded as we did not know how many people in each community belonged to our target group.

It was felt that only by identifying and locating 100% of the population under investigation could we render our findings valid; in effect we endeavoured to create a mini census of Métis and Non-Status Indians for each of the designated Indian centres

PROJECT BEGUN: May 1978

ANTICIPATED
COMPLETION:

August 1979

REPORTS AND
PUBLICATIONS:

1980

CONTACT:

Al Krucas
Ministry of Culture & Recreation
Native Community Branch
Government of Ontario
77 Bloor St. W., 5th Floor
Toronto, Ontario

39:330.02
(*623)

NATIVE PEOPLE: ECONOMIC DEVELOPMENT

Card no. 1611

<u>PROJECT TITLE:</u>	JAMES BAY CREES - BAND ECONOMIC DEVELOPMENT PLANNING
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	James Bay Region
<u>PROJECT UNDERTAKEN BY:</u>	Peat, Marwick and Partners
<u>RESEARCH CO-ORDINATOR:</u>	Norman Hawkins, Peat, Marwick and Partners
<u>RESEARCHER(S):</u>	Ron Clutz
<u>FINANCIAL SUPPORT:</u>	Native Organization
<u>PURPOSE:</u>	To assess, in a general way, the economic and practical potential of various business development ideas and to identify the activities required to implement
<u>METHODOLOGY:</u>	Action Research Group planning workshops during a general assembly
<u>FINDINGS:</u>	Several regional enterprises and support structures were identified as well as 3-5 priority projects for each of the eight bands
<u>PROJECT BEGUN:</u>	May 1978
<u>ANTICIPATED COMPLETION:</u>	September 1978
<u>REPORTS AND PUBLICATIONS:</u>	<u>1978 Cree General Assembly Workshop Results</u> , Cree Regional Authority, September 1978
<u>CONTACT:</u>	Norman Hawkins Peat, Marwick and Partners 1155 Dorchester Blvd. West Montreal, Quebec H3B 2J9 Tel. (514) 879 3208

39:330.02:59
(*430)

NATIVE PEOPLE: ECONOMIC DEVELOPMENT: WILDLIFE

Card no. 1559

<u>PROJECT TITLE:</u>	NATIVE ECONOMY - RENEWABLE RESOURCES, HARVESTING
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Baffin Region, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Baffin Region Inuit Association
<u>RESEARCH CO-ORDINATOR:</u>	Arvin Jelliss, Department of Indian and Northern Affairs, Northern Economic Analysis Division
<u>RESEARCHER(S):</u>	Baffin Region Inuit Association
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To carry out a quantitative assessment of the renewable resources harvest in the Baffin Region
<u>METHODOLOGY:</u>	Recording of harvest totals by species for each individual or household unit for each community, according to designated time periods
<u>PROJECT BEGUN:</u>	1978-79; data collection commenced 1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Arvin Jelliss Northern Economic Analysis Division Northern Economic Planning Branch Northern Affairs Program Department of Indian and Northern Affairs, Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel : (819) 997-0022

39:37:312
(*41)

NATIVE PEOPLE: EDUCATION: DEMOGRAPHY

Card No. 1659

PROJECT TITLE: PATTERNS AND TRENDS OF UNIVERSITY ACHIEVEMENT OF INDIAN GRADUATES

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: Debbie Martin

RESEARCHER(S): Debbie Martin

FINANCIAL
SUPPORT: University

PURPOSE: To determine university achievement of Indian people living on reserves and those living off reserves

METHODOLOGY: Statistical analysis and compilation of data base. Patterns and trends examined with respect to number of Indian graduates by year, type of degree, distribution by Region, specialization, and sex for the period 1934 to 1977. Other factors include geographic location of band (urban, semi-urban, rural, remote), population size and the ratio of university graduates to band population aged 18 and over

PROJECT
BEGUN: August 1979

CONTACT: Patricia Tighe
Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

39:58
(*427) (*440)

NATIVE PEOPLE: ETHNOGRAPHY: BOTANY

Card no. 1453

PROJECT TITLE: ETHNOBOTANY OF THE SASKATCHEWAN CHIPEWYAN

GEOGRAPHIC
LOCATION OF
PROJECT: Fond du Lac and Black Lake, Northern Saskatchewan

PROJECT
UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH
CO-ORDINATOR: Robin Marles, University of Saskatchewan, Department of Biology

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To study the ethnobotany of the Chipewyan Indians in the vicinity of Stony Rapids, Fond du Lac and Black Lake, Saskatchewan

METHODOLOGY: This study will involve:

- (i) Recording ethnographic data on the preparation and use of plants for food and medicine and their religious significance;
- (ii) phonetically transcribing Chipewyan plant names;
- (iii) phytochemically screening plants of medicinal importance to the Chipewyan for the determination of classes of the chemical compounds known to have pharmaceutically active elements; and
- (iv) comparing the plant lore of the Chipewyan with that of the Fisherman Lake Slave and the Woods Cree to determine cultural, geographical and historical differences

PROJECT
BEGUN: June 1980

ANTICIPATED
COMPLETION: April 1981

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
OTTAWA, Ontario
K1A 0M8
Tel.: (613) 996-4540

39:392:312
(*440)

NATIVE PEOPLE: KINSHIP: DEMOGRAPHY

Card no. 1455

PROJECT TITLE:

DENE KINSHIP STUDY

GEOGRAPHIC
LOCATION OF
PROJECT:

Fort Liard, Northwest Territories

PROJECT
UNDERTAKEN BY:

National Museum of Man, Canadian Ethnology Service

RESEARCH
CO-ORDINATOR:

Jane Christian, University of Alabama, Department of Anthropology

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

To update and complete a systematic analysis of the family and kinship network for the Dene community of Fort Liard, Northwest Territories and to detail and explain strategies on extensive demographic and socio-economic configuration

PROJECT
BEGUN:

June 1980

ANTICIPATED
COMPLETION:

April 1981

CONTACT:

Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

NATIVE PEOPLE: NON NATIVE ATTITUDES

Card no. 1702

PROJECT TITLE: AN OVERVIEW OF SOME RECENT RESEARCH ON ATTITUDES
IN CANADA TOWARDS INDIAN PEOPLE

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: Department of Indian and Northern Affairs, Indian and Inuit Affairs
Program

RESEARCH
CO-ORDINATOR: Indian and Inuit Affairs Program

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To summarize seven public opinion research reports and their
findings and provide an overview of public attitudes towards Indian
people from a variety of standpoints. Significantly, the overview
attempts also to highlight some factors which shape public attitudes
towards Indian people and which consequently need to be taken
into account by the Department in planning and formulating policy

ANTICIPATED
COMPLETION: January 1980

REPORTS AND
PUBLICATIONS: An Overview of Some Recent Research on Attitudes in Canada
Towards Indian People, Indian and Inuit Affairs Program, Department
of Indian and Northern Affairs, January 1980

CONTACT: Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

39:32.1
(*41)

NATIVE PEOPLE: POLITICAL PHILOSOPHY

Card no. 1620

<u>PROJECT TITLE:</u>	THE EVOLUTION OF NATIVE CANADIAN POLITICAL THOUGHT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of Calgary, Northern Political Studies Program
<u>RESEARCH CO-ORDINATOR:</u>	Roger Gibbins
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To trace the evolution of native Canadian political thought, and to explore the existing and possible political relationships between Native Canadians and the Canadian state. The research is comparative in the sense that native political thought in the north reflects a quite different environment, and is following a different path, than is native political thought in southern Canada
<u>METHODOLOGY:</u>	Historical research
<u>PROJECT BEGUN:</u>	January 1981
<u>ANTICIPATED COMPLETION:</u>	Summer 1982
<u>CONTACT:</u>	Roger Gibbins Department of Political Science University of Calgary Calgary, Alberta T2N 1N4 Tel : (403) 284-5921

NATIVE PEOPLE: RESERVES

Card No. 1658

PROJECT TITLE: CANADA'S INDIAN RESERVES: THE USUFRUCT IN OUR CONSITITUTION

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: William B. Henderson, Consultant

RESEARCHER(S): William B. Henderson

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To discuss the problems created by the use of the legal term usufruct as a means of describing Indian interests in their reserve lands. Further to this, an alternative framework for resolving constitutional conflicts between legislative powers and proprietary rights is suggested

METHODOLOGY: Review of pertinent constitutional cases. Historical and critical examination of the case law. Recommendations for deletion of the concept of usufruct from Canadian constitutional law

PROJECT
BEGUN: October 1979

ANTICIPATED
COMPLETION: February 1980

REPORTS AND
PUBLICATIONS: Canada's Indian Reserves: The Usufruct in our Constitution, Research Branch, Corporate Policy, Indian and Inuit Affairs Program, Department of Indian and Northern Affairs, February 1980

CONTACT: Patricia Tighe
Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

39:351.74
(*430)

NATIVE PEOPLE: ROYAL CANADIAN MOUNTED POLICE

Card no. 1695

<u>PROJECT TITLE:</u>	YUKON INDIAN - POLICE RELATIONS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of Canada North
<u>RESEARCH CO-ORDINATOR:</u>	Ted Parnell
<u>RESEARCHER(S):</u>	Jennie Jack
<u>PURPOSE:</u>	To determine the attitudes of Indians, police and community resource personnel to one another. To identify problems, causes and possible solutions
<u>METHODOLOGY:</u>	Informally administered questionnaire
<u>PROJECT BEGUN:</u>	May 1979
<u>ANTICIPATED COMPLETION:</u>	December 1979
<u>REPORTS AND PUBLICATIONS:</u>	<u>We Mean No Harm: Yukon Indian - Police Relations</u> , Council for Yukon Indians, 1979
<u>CONTACT:</u>	Social Development Department Council for Yukon Indians 22 Nisutlin Drive Whitehorse, Yukon

325.455
(*429)

NATIVE PEOPLE, SELF-ADMINISTRATION

Card no. 1492

<u>PROJECT TITLE:</u>	ORGANIZATION DESIGNS OF THE NORTH COAST TRIBAL COUNCIL
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest British Columbia
<u>PROJECT UNDERTAKEN BY:</u>	British Columbia Research Council
<u>REASEARCH CO-ORDINATOR:</u>	Bill Warren, British Columbia Research Council
<u>RESEARCHER(S);</u>	Bert Painter and Alan Sutton
<u>FINANCIAL SUPPORT:</u>	Native Organization
<u>PURPOSE:</u>	To design an organization structure and staffing to meet the needs of the seven Bands served by the North Coast Tribal Council
<u>METHODOLOGY:</u>	A strategic planning process, employing field research and assessment of Band needs by members of the seven Bands specifically trained for this purpose
<u>PROJECT BEGUN:</u>	April 1980
<u>ANTICIPATED COMPLETION:</u>	October 1980
<u>CONTACT:</u>	Bert Painter British Columbia Research Council 3650 Westbrook Mall Vancouver, British Columbia Tel.: (604) 224-4331

NATIVE PEOPLE: SOCIAL SURVEY

Card no. 1703

PROJECT TITLE: INDIAN CONDITIONS: A SURVEY

GEOGRAPHIC
LOCATION OF
PROJECT: Canada

PROJECT
UNDERTAKEN BY: Department of Indian and Northern Affairs, Indian and Inuit Affairs
Program

RESEARCH
CO-ORDINATOR: Indian and Inuit Affairs Program

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To document principal developments and trends in the social,
economic and political conditions of Indians in Canada; to summarize
available information on changes since the 1950's; to compare
the Indian and national situations and present a perspective on
changes in government policies, programs and services to Indians

METHODOLOGY: Information contained in this report was gathered principally from
available sources rather than through original research. The survey
brings together data from various government sources and presents
them in an easily read graphic format. Commentary on the data
provides facts about program and policy environments, inter-relating
the data and highlighting implications of the information presented

ANTICIPATED
COMPLETION: June 1980

REPORTS AND
PUBLICATIONS: Indian Conditions: A Survey, Indian and Inuit Affairs Program,
Department of Indian and Northern Affairs, June 1980

CONTACT: Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

39:711.42(2)
(*425)

NATIVE PEOPLE: URBAN SETTING:

Card no.: 1422

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTINGS:
A LITERATURE REVIEW

GEOGRAPHIC
LOCATION OF
PROJECT: Ontario

PROJECT
UNDERTAKEN BY: Ontario Task force on Native People in the Urban Setting

RESEARCH
CO-ORDINATOR: Frank Maidman

RESEARCHER(S): James Bledsoe

FINANCIAL
SUPPORT: Provincial Government

PURPOSE: To review and evaluate the current research literature on native people in urban settings.

METHODOLOGY: Library research

PROJECT
BEGUN: November 1979

ANTICIPATED
COMPLETION: December 1980.

REPORTS AND
PUBLICATIONS: Native People in the Urban Setting: A Literature Review.
First draft, by J. Bledsoe, 1980

CONTACT: Research Director,
306-234 Eglinton Avenue East,
Toronto, Ontario
M4P 1K5
Tel.: (416) 485-6161/6164

39:711.42(2)
(*425)

NATIVE PEOPLE: URBAN SETTING

Card no. 1591

<u>PROJECT TITLE:</u>	NATIVE PEOPLE IN URBAN SETTINGS: CLIENT AND NON-CLIENT STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Ontario
<u>PROJECT UNDERTAKEN BY:</u>	Ontario Task Force on Native People in the Urban Setting
<u>RESEARCH CO-ORDINATOR:</u>	Frank Maidman
<u>RESEARCHER(S):</u>	Participatory Research Group Consultation Team
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To study the quality of life of urban native people: to investigate their problems and resource needs
<u>METHODOLOGY:</u>	Participatory Research; Interviews; Data Feedback
<u>PROJECT BEGUN:</u>	March 1980
<u>ANTICIPATED COMPLETION:</u>	April 1981
<u>CONTACT:</u>	Frank Maidman Research Director 306-234 Eglinton Avenue East Toronto, Ontario M4P 1K5 Tel.: (416) 485-6161/6164

39:711.42(2)
(*425)

NATIVE PEOPLE: URBAN SETTING

Card no. 1592

<u>PROJECT TITLE:</u>	NATIVE PEOPLE IN URBAN SETTING: A KEY INFORMANT STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Ontario
<u>PROJECT UNDERTAKEN BY:</u>	Ontario Task Force on Native People in the Urban Setting
<u>RESEARCH CO-ORDINATOR:</u>	Frank Maidman
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To assess the problems and needs of native people living in urban settings. To evaluate the service programs, strengths and weaknesses, through the experiences of native people working in native organizations
<u>METHODOLOGY:</u>	<ul style="list-style-type: none">- mailed self-administered survey questionnaire- community data feedback meetings
<u>PROJECT BEGUN:</u>	June 1978
<u>ANTICIPATED COMPLETION:</u>	March 1981
<u>REPORTS AND PUBLICATIONS:</u>	<u>Key Informant Study: Report on Community Meetings.</u> , unpublished report
<u>CONTACT:</u>	Frank Maidman Research Director 306-234 Eglinton Avenue East Toronto, Ontario M4P 1K5 Tel.: (416) 485-6161/6164

39:711.42(2)
(*425)

NATIVE PEOPLE: URBAN SETTING

Card no. 1594

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTINGS: RESOURCE ASSESSMENT STUDY

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Task Force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: Frank Maidman

RESEARCHER(S): Ed Herberg and Ursula Jolin

FINANCIAL SUPPORT: Provincial Government

PURPOSE:

- To assess the resources available to native people in urban settings in terms of: availability, accessibility, sufficiency and suitability
- To describe government policy-making and program development for native people

METHODOLOGY:

1. mailed self-administered questionnaire survey to total population of human service organizations in 32 Ontario communities
2. interviews with government policy-makers and program developers

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: April 1981

REPORTS AND PUBLICATIONS: Native People in the Urban Setting: Priorities and Needs in Human Services. Unpublished paper, 1980, by E. Herberg

CONTACT: Frank Maidman
Research Director
306-234 Eglinton Avenue East
Toronto, Ontario
M4P 1K5
Tel.: (416) 485-6161/6164

39:711.42(2):312
(*425)

NATIVE PEOPLE: URBAN SETTING: DEMOGRAPHY

Card no. 1593

<u>PROJECT TITLE:</u>	NATIVE PEOPLE IN URBAN SETTINGS: DEMOGRAPHIC STUDIES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Ontario
<u>PROJECT UNDERTAKEN BY:</u>	Ontario Task Force on Native People in the Urban Setting
<u>RESEARCH CO-ORDINATOR:</u>	Frank Maidman
<u>RESEARCHER(S):</u>	Chris Taylor, David Newhouse Rob Howarth
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	<ul style="list-style-type: none">- To review and evaluate existing Ontario studies on urban native demography- To conduct a survey of key users of urban native demography statistics- To carry out demographic forecasting related to urban native people
<u>METHODOLOGY:</u>	<ul style="list-style-type: none">- Library and government document research- interview- demographic forecasting
<u>PROJECT BEGUN:</u>	September 1980
<u>ANTICIPATED COMPLETION:</u>	April 1981
<u>CONTACT:</u>	Frank Maidman Research Director 306 234 Eglinton Avenue East Toronto, Ontario M4P 1K5 Tel.: (416) 485-6161/6164

39:711.42(2):333.32
(*425)

NATIVE PEOPLE: URBAN SETTING: HOUSING

Card no. 1478

PROJECT TITLE: CENTRAL MORTGAGE AND HOUSING CORPORATION CONTRIBUTION
TO ONTARIO TASK FORCE ON NATIVE PEOPLE IN THE URBAN
SETTING

GEOGRAPHIC
LOCATION OF
PROJECT: Ontario

PROJECT
UNDERTAKEN BY: Ontario Federation of Indian Friendship Centres, Ontario Task
Force on Native People in the Urban Setting

RESEARCH
CO-ORDINATOR: D. Runge

RESEARCHER(S): F. Boden

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To identify urban native needs, evaluate resources available,
determine resources requirements, clarify jurisdiction. Develop
a plan to meet the identified needs

ANTICIPATED
COMPLETION: August 1980

CONTACT: Ontario Task Force on Native People in the Urban Setting
Ontario Federation of Indian Friendship Centre
234 Eglinton Avenue East
Suite 203
Toronto, Ontario
M4P 1K5

NATIVE RIGHTS

Card no. 1652

<u>PROJECT TITLE:</u>	NATIVE CLAIMS IN CANADA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	Department of Indian and Northern Affairs, Office of Native Claims
<u>RESEARCH CO-ORDINATOR:</u>	Head, Information Services, Office of Native Claims
<u>RESEARCHER(S):</u>	Sean Kennedy
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To prepare a summary of Native claims submissions and settlements for briefing material and public information
<u>PROJECT BEGUN:</u>	December 1979
<u>COMPLETION:</u>	April 1980
<u>CONTACT:</u>	Lillian Blondin <u>OR</u> Sean Kennedy Office of Native Claims Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel.: (819) 994-2323

325.3:330.02
(*41 N)

NATIVE RIGHTS, LAND CLAIMS: RESOURCE DEVELOPMENT

Card no. 1430

<u>PROJECT TITLE:</u>	LAND CLAIMS AND RESOURCE DEVELOPMENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada, North of 60
<u>PROJECT UNDERTAKEN BY:</u>	Canadian Arctic Resources Committee
<u>RESEARCHER(S):</u>	Nigel Bankes
<u>PURPOSE:</u>	To evaluate the types of resource agreements that native groups will be able to negotiate with interested mining and petroleum corporations on the basis of interests in land transferred as a result of the settlement of land claims
<u>METHODOLOGY:</u>	Evaluation and classification of resource agreements negotiated by third world countries, tribal groups in the contiguous states, native regional corporations in Alaska, Aboriginal Groups in Australia and Indian Bands south of 60 in Canada. Proposed and existing settlements will also be examined
<u>PROJECT BEGUN:</u>	April 1980
<u>ANTICIPATED COMPLETION:</u>	November 1980
<u>CONTACT:</u>	Nigel Bankes Canadian Arctic Resources Committee 46 Elgin Street Ottawa, Ontario K1P 5K6 Tel.: (613) 236-7379

330.15:528:
712.23
(*464.4)

NATURAL RESOURCES: SURVEYING: PARKS

Card no. 1459

<u>PROJECT TITLE:</u>	NATURAL RESOURCE SURVEY OF AXEL HEIBERG ISLAND
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Ellesmere Island, Axel Heiberg Island
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada
<u>RESEARCH CO-ORDINATOR:</u>	G.W. Scotter, Environment Canada, Canadian Wildlife Service
<u>RESEARCHER(S):</u>	S.C. Zoltai
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To evaluate the natural resources (landscape, wildlife, vegetation) as a possible Wilderness National Park
<u>METHODOLOGY:</u>	Brief helicopter-supported field survey. Collection of samples and data on soils, vegetation and fauna
<u>PROJECT BEGUN:</u>	1980
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	S.C. Zoltai Canadian Forestry Service 5320 - 122 Street Edmonton, Alberta T6H 3S5

614.25:711.1:37
(*41N)

NURSES: ISOLATED COMMUNITIES: EDUCATION

Card no. 1513

<u>PROJECT TITLE:</u>	COMPARATIVE FIELD EVALUATION OF NURSES PRACTISING IN ISOLATED NURSING STATIONS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon, Northwest Territories, and northern Provinces
<u>PROJECT UNDERTAKEN BY:</u>	University of Alberta, Division of Health Services Administration
<u>RESEARCH CO-ORDINATOR:</u>	Joy Edwards, University of Alberta
<u>RESEARCHER(S):</u>	Dr. C.B. Hazlett, Val Beynon, Dianna Clarke, Jean Fraser, Ruth Sutherland, Kerry Toll, Joan Wagner
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To determine if the Clinical Training Program sponsored by Medical Services Branch, Health and Welfare Canada, is an effective educational program. This Clinical Training Program is designed to increase the clinical skills of nurses working in isolated nursing stations
<u>PROJECT BEGUN:</u>	July 1977
<u>ANTICIPATED COMPLETION:</u>	December 1980
<u>CONTACT:</u>	Dr. C.B. Hazlett Division of Health Services Administration University of Alberta Edmonton, Alberta T6G 2G3 Tel.: (403) 432-6407

612.39:362.7
(*440)

NUTRITION: CHILDREN

Card no. 1431

<u>PROJECT TITLE:</u>	CHANGING TRENDS IN THE INFANT FEEDING PATTERNS OF INUIT, INDIAN AND NON-NATIVE INFANTS IN THE N.W.T. 1973-1979
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Northern Medical Research Unit, Medical Services and University of Alberta, Department of Pediatrics
<u>RESEARCH CO-ORDINATOR:</u>	Otto Schaefer, M.D., FRCP (C), Northern Medical Research Unit, Medical Services
<u>RESEARCHER(S):</u>	O. Schaefer, M.D., Northern Medical Research Unit D. Spady, M.D., University of Alberta
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To monitor changes in infant nutrition practices. To monitor success and failure of concerted drive during the last 5 years to improve infant nutrition
<u>METHODOLOGY:</u>	Infant nutrition questionnaire forms were completed on most infants born in a recent 12 month period in the Northwest Territories and data thus collected on nutrition practices, morbidity and growth and development will be correlated and compared with similar data collected 1973/74
<u>FINDINGS:</u>	Preliminary scanning of approximately 70% of expected returns indicate that the previously (1973/74) recorded trend to abandon traditional modes of infant nutrition has been halted and indeed our drive to reestablish breastfeeding has doubled percentage of mothers breastfeeding more than one month and trebled rate of mothers still breastfeeding 6 and 12 months after delivery in all major ethnic groups, compared with data collected 5 years previously
<u>PROJECT BEGUN:</u>	July 1979
<u>ANTICIPATED COMPLETION:</u>	Summer 1981

CONTACT:

Otto Schaefer, MD., FRCP (C)
Northern Medical Research Unit
Medical Services, N.W.T. Region
c/o Charles Camsell Hospital
12815 -115 Avenue,
Edmonton, Alberta
T5M 3A4

NUTRITION, FOOD HABITS

Card no. 1447

PROJECT TITLE: THE AVAILABILITY AND USE OF IMPORTED AND NATIVE FOODS ON THE LABRADOR COAST

GEOGRAPHIC LOCATION OF PROJECT: Davis Inlet, Hopedale, Rigolet, Black Tickle and Fox Harbour, East Coast of Labrador

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Health Sciences Centre

RESEARCH CO-ORDINATOR: Dr. Robin D. Orr, Memorial University of Newfoundland

RESEARCHER(S): Dr. Robin D. Orr and Mary G. Alton Mackey

FINANCIAL SUPPORT: Federal Government and Private Foundation

PURPOSE: To provide information needed for formulation of future food policies by appropriate authorities, planning and evaluation of nutrition and health education programs and for monitoring the effects of rapid resource development, expected in some of these areas, on imported and native food supplies

METHODOLOGY: A survey of selected communities on the East Coast of Labrador is planned to assess the supply of imported foods and to determine the contribution of native foods to community food supplies. Information will also be collected on the use of imported and native foods by individual households. Background information on communities and households to assist in interpretation of food supply data will be solicited

PROJECT BEGUN: February 1980

ANTICIPATED COMPLETION: March 1982

CONTACT: Dr. Robin D. Orr
Public Health Nutrition
Faculty of Medicine
Memorial University of Newfoundland
Health Sciences Centre
St. John's, Newfoundland
A1B 3V6
Tel.: (709) 737-7353

NUTRITION: PLANTS, ARCTIC

Card no. 1642

<u>PROJECT TITLE:</u>	ARCTIC PLANTS AS POTENTIAL FOOD CROPS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Rankin Inlet, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Toronto, Department of Botany
<u>RESEARCH CO-ORDINATOR:</u>	Josef Svoboda
<u>RESEARCHER(S):</u>	R.W. Cummins, Mark Romer, Beth Hutchinson, W. Freedman, M. Muc and E. Wagner
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To select, develop and propagate certain Arctic plants for human consumption
<u>PROJECT BEGUN:</u>	June 1980
<u>ANTICIPATED COMPLETION:</u>	August 1980
<u>CONTACT:</u>	Josef Svoboda Department of Botany Erindale College University of Toronto Mississauga, Ontario L5L 1C6

NUTRITION: TRANSPORTATION

Card no. 1494

PROJECT TITLE: THE EFFECT OF A PERISHABLES TRANSPORT SUBSIDY ON
FOOD AND NUTRIENT AVAILABILITY IN NORTHERN SASKATCHEWAN

GEOGRAPHIC
LOCATION OF
PROJECT: Fond du Lac, Stony Rapids, Black Lake and Wollaston Lake, Northern
Saskatchewan

PROJECT
UNDERTAKEN BY: Health and Welfare Canada, Medical Services

RESEARCH
CO-ORDINATOR: Debrah Gillis, Health and Welfare Canada

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To determine effectiveness of a food transport subsidy in increasing
the availability of perishable store foods and effect on nutrient
availability to community residents. To provide baseline information
that can be used in future nutrition program development and
education

METHODOLOGY: Two year longitudinal study: 1 year before and 1 year after the subsidy

FINDINGS: The Perishables Transport Subsidy has improved the availability
of perishables to four northern communities, and improved the
availability of specific nutrients shown to have been inadequate in
their diet. It has improved the ability of these northern residents to
choose an adequate diet

PROJECT
BEGUN: January 1978

ANTICIPATED
COMPLETION: August 1980

REPORTS AND
PUBLICATIONS: The Effect of a Perishables Transport Subsidy on Food and Nutrient
Availability in Northern Saskatchewan. Health and Welfare Canada,
Medical Services, Saskatchewan Region, 1980, by Debrah Gillis

CONTACT: Debrah Gillis
Health and Welfare Canada
Medical Services
Regina, Saskatchewan

OIL SPILLS: ENVIRONMENTAL POLLUTION

Card no. 1556

PROJECT TITLE: BIOS - BAFFIN ISLAND OIL SPILL

GEOGRAPHIC
LOCATION OF
PROJECT: Cape Hatt, Bylot Island, Northern Eastern Arctic

PROJECT
UNDERTAKEN BY: Canadian Departments of Environment, Fisheries and Oceans,
and Indian and Northern Affairs; Canadian Oil Industry; Norwegian
and United States Government

RESEARCH
CO-ORDINATOR: Peter Blackall, Environmental Protection Service

FINANCIAL
SUPPORT: Federal Government; Canadian Oil Industry; Norwegian
and United States Governments

PURPOSE: To determine if the use of dispersants in the Arctic nearshore will
reduce or increase the environmental effects of spilled oil, and
to assess the relative effectiveness and environmental impact
of other shoreline protection and cleanup techniques

To determine the physical and chemical behaviour and fate of
chemically treated and untreated oil and its biological effects
in the Arctic nearshore

PROJECT
BEGUN: April 1980

ANTICIPATED
COMPLETION: Summer 1984

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

628.52:576.8
(*41N)

OIL SPILLS: MICROBIOLOGY

Card no. 1512

<u>PROJECT TITLE:</u>	MICROBIOLOGY COMPONENT OF BAFFIN ISLAND OIL SPILL (B10S) PROJECT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Eclipse Sound (Cape Hatt), Baffin Island, Canadian Arctic waters
<u>PROJECT UNDERTAKEN BY:</u>	Fisheries and Oceans Canada, Environmental Protection Service
<u>RESEARCH CO-ORDINATOR:</u>	J.N. Bunch, Arctic Biological Station
<u>RESEARCHER(S):</u>	J.N. Bunch, R.C. Harland
<u>FINANCIAL SUPPORT:</u>	Federal Government and Industry
<u>PURPOSE:</u>	To determine the effect of oil and oil-dispersant mixtures on bacterial activities in Arctic waters
<u>METHODOLOGY:</u>	Use of radioactive substrates to determine assimilation and respiration of selected amino acids and alkanes by marine bacteria before and after spills of oil and oil-dispersant mixtures
<u>PROJECT BEGUN:</u>	June 1980
<u>ANTICIPATED COMPLETION:</u>	December 1983
<u>CONTACT:</u>	J.N. Bunch Arctic Biological Station 555 Boulevard St-Pierre Ste. Anne de Bellevue Quebec H9X 3R4 Tel.: (514) 457-3660

628.52:576.8
(*440)

OIL SPILLS: MICROORGANISMS

Card no. 1648

<u>PROJECT TITLE:</u>	EFFECTS OF SPILLED CRUDE OIL ON MICROORGANISMS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Bent Horn Area, Cameron Island and Truelove Lowland, Devon Island
<u>PROJECT UNDERTAKEN BY:</u>	Concordia University, Department of Biology
<u>RESEARCH CO-ORDINATOR:</u>	Paul Widden
<u>RESEARCHER(S):</u>	Paul Widden, M. Goguen and C. Ferguson
<u>FINANCIAL SUPPORT:</u>	Industry, University and Federal Government
<u>PURPOSE:</u>	To continue a long term study of the effects of spilled crude oil on microorganisms. Soil samples will be taken and test plots of oil spilled in previous years will be monitored
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Paul Widden Department of Biology Concordia University Loyola Campus 7141 Sherbrooke St. W. Montreal, Quebec H4B 1R6

628.52:58
(*440)

OIL SPILLS: VEGETATION

Card no. 1576

<u>PROJECT TITLE:</u>	POST OIL SPILL RECOVERY OF ARCTIC VEGETATION	
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Norman Wells, Tuktoyaktuk, Cape Parry, Northwest Territories	
<u>PROJECT UNDERTAKEN BY:</u>	University of Toronto, Department of Botany	
<u>RESEARCH CO-ORDINATOR:</u>	D.M. Barnett, Department of Indian and Northern Affairs	
<u>RESEARCHER(S):</u>	T.C. Hutchinson, University of Toronto	
<u>FINANCIAL SUPPORT:</u>	Federal Government	
<u>PURPOSE:</u>	To briefly revisit sites and record changes	
<u>METHODOLOGY:</u>	Detailed recording at plots	
<u>FINDINGS:</u>	Some vegetation responses are not detectable until several years after the spill	
<u>PROJECT BEGUN:</u>	1972	
<u>ANTICIPATED COMPLETION:</u>	Spring 1981 with possible reactivation in 1984 or 1985	
<u>CONTACT:</u>	T.C. Hutchinson Department of Botany University of Toronto Toronto, Ontario Tel.: (416) 978-3537	or Dr D.M. Barnett A/Chief, Environmental Studies Division Northern Environmental Protection Branch Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa Ontario Tel.: (819) 997-0044

712.23:330.02
(*410)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1603

PROJECT TITLE: STUDY TO DETERMINE THE POTENTIAL FOR NATIONAL PARKS
IN REGION 37 AND THE EASTERN ARCTIC MARINE REGION

GEOGRAPHIC
LOCATION OF
PROJECT: Eastern Arctic Lowlands

RESEARCH
CO-ORDINATOR: Tom Kovacs, Parks Canada

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To conduct a comparative analysis of identified Natural Areas of
Canadian Significance in Region 37 and the Eastern Arctic Marine
Region to provide information that will be used to help select
the areas to be proposed for new park establishment

PROJECT
BEGUN: January 1981

ANTICIPATED
COMPLETION: April 1981

CONTACT: Tom Kovacs
Project Manager
Parks North of 60° Project
Parks Canada
Department of Environment
10 Wellington street
Hull, Québec
Tel.: (819) 994-3011

712.23:330.02
(*624)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1604

<u>PROJECT TITLE:</u>	NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGION 26
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Davis Region
<u>PROJECT UNDERTAKEN BY:</u>	Woodward-Clyde Consultant, Victoria, British Columbia
<u>RESEARCH CO-ORDINATOR:</u>	G. Robilliard and J. Jarper, Woodward-Clyde Consultants
<u>RESEARCHER(S):</u>	G. Robilliard and J. Harper
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To identify natural areas and sites of significance in the region
<u>METHODOLOGY:</u>	Natural history theme analysis and inventory
<u>PROJECT BEGUN:</u>	October 1980
<u>ANTICIPATED COMPLETION:</u>	January 1981
<u>CONTACT:</u>	Brent P.D. Coates National Parks Branch 26th Floor Les Terrasses de la Chaudière Hull, Québec K1A 0H4 Tel.: (819) 994-3011

712.23:330.02
(*41N)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1605

PROJECT TITLE: NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE
IN MARINE REGION 4 - ARCTIC ARCHIPELAGO

GEOGRAPHIC
LOCATION OF
PROJECT: Arctic Archipelago

PROJECT
UNDERTAKEN BY: Woodward-Clyde Consultants, Victoria, British Columbia

RESEARCH
CO-ORDINATOR: J. Harper, Woodward-Clyde Consultants

RESEARCHER(S): J. Harper

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To identify natural areas and sites of significance in the Arctic
Archipelago region

METHODOLOGY: Natural history theme analysis and inventory

PROJECT
BEGUN: November 1980

ANTICIPATED
COMPLETION: February 1981

CONTACT: Brent P.D. Coates
National Parks Branch
26th Floor
Les Terrasses de la Chaudière
Hull, Québec
K1A 0H4
Tel.: (819) 994-3011

712.23:330 02
(*411)

PARKS NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1606

<u>PROJECT TITLE:</u>	STUDY TO LOCATE NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGION 38
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Western High Arctic
<u>PROJECT UNDERTAKEN BY:</u>	Bird and Hale Ltd , Toronto, Ontario
<u>RESEARCH CO-ORDINATOR:</u>	I.A. Hale, and L. Hellas, Bird and Hale Ltd.
<u>RESEARCHER(S):</u>	I.A. Hale and L. Hellas
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To identify natural areas and sites of Canadian significance in natural region 38
<u>METHODOLOGY:</u>	Natural history theme analysis and inventory
<u>PROJECT BEGUN:</u>	October 1980
<u>ANTICIPATED COMPLETION:</u>	January 30, 1981
<u>CONTACT:</u>	Brent P.D. Coates National Parks Branch 26th Floor Les Terrasses de la Chaudière Hull, Québec K1A 0H4 Tel.: (819) 994 3011

712.23:330.02
(*440) (*430)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1607

<u>PROJECT TITLE:</u>	STUDY TO LOCATE NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGIONS 7 and 8
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Interior Plateaux and Mackenzie Mountains, Yukon and Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Interdisciplinary Group, Edmonton, Alberta
<u>RESEARCH CO-ORDINATOR:</u>	A. Garbutt and A. Gallie, Interdisciplinary Group
<u>RESEARCHER(S):</u>	A. Garbutt and A. Gallie
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To identify natural areas and sites of Canadian significance in natural regions 7 and 8
<u>METHODOLOGY:</u>	Natural history theme analysis and inventory
<u>PROJECT BEGUN:</u>	October 1980
<u>ANTICIPATED COMPLETION:</u>	January 1981
<u>CONTACT:</u>	Brent P.D. Coates National Parks Branch 26th floor Les Terrasses de la Chaudière Hull, Québec K1A 0H4 Tel.: (819) 994-3011

712.23:330.02
(*427)(*426)(*440)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1608

<u>PROJECT TITLE:</u>	STUDY TO LOCATE NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGION 17
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwestern Boreal Uplands, Southern Northwest Territories, Northern Saskatchewan and Manitoba
<u>PROJECT UNDERTAKEN BY:</u>	University of Saskatchewan
<u>RESEARCH CO-ORDINATOR:</u>	W. Barr, University of Saskatchewan
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To identify natural areas and sites of Canadian significance in natural region 17
<u>METHODOLOGY:</u>	Natural history theme analysis and inventory
<u>PROJECT BEGUN:</u>	October 1980
<u>ANTICIPATED COMPLETION:</u>	January 1981
<u>CONTACT:</u>	Brent P.D. Coates National Parks Branch 26th Floor Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel. (819) 994-3011

712.23:347.93
(*430) (*440)

PARKS, NATIONAL: PUBLIC CONSULTATION

Card no. 1461

PROJECT TITLE: PUBLIC CONSULTATION ON THE SIX NORTH OF 60° AREAS
OF INTEREST AS FUTURE NATIONAL PARKS

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon and Northwest Territories

PROJECT
UNDERTAKEN BY: Department of Environment, Parks Canada

RESEARCH
CO-ORDINATOR: Tom J. Kovacs, Department of Environment

RESEARCHER(S): Ian MacNeil, Bob Gamble, and Audrey Stewart

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To comply with Parks Canada policy and Ministerial commitment
concerning public consultation to determine the acceptability
of new national parks in the territories, primarily by those local
people who would be most directly affected

METHODOLOGY: The public involvement process includes four stages:
1. Information dissemination; 2. Dialogue; 3. Identification
of issues and concerns; 4. Analysis and presentation of recommendations

PROJECT
BEGUN: January 1980

ANTICIPATED
COMPLETION: October 1980

CONTACT: Tom J. Kovacs
Project Manager
6 North of 60° Project
National Parks Branch
Parks Canada
Department of Environment
10 Wellington Street
Hull, Quebec
Tel.: (819) 994-3011

PARKS, NATIONAL: WILDLIFE MANAGEMENT

Card no. 1595

<u>PROJECT TITLE:</u>	RESOURCE INVENTORY OF ELLESMERE ISLAND PROPOSED NATIONAL PARK AREA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Lake Hazen, Tanquary Fiord, Fort Conger area, Northern Ellesmere Island
<u>PROJECT UNDERTAKEN BY:</u>	University of Alberta, Department of Geography
<u>RESEARCH CO-ORDINATOR:</u>	John England
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To complete an inventory of the biophysical resources of a proposed national park site, recommending boundaries
<u>FINDINGS:</u>	The area is definitely a national area of Canadian significance, and will remain as a proposed national park
<u>PROJECT BEGUN:</u>	Summer 1980
<u>ANTICIPATED COMPLETION:</u>	Summer 1981
<u>CONTACT:</u>	Ian MacNeil National Parks Branch Parks Canada Ottawa, Ontario K1A 1G2

551.345
(*469.6)(*430)

PERMAFROST

Card no. 1532

<u>PROJECT TITLE:</u>	GEOMORPHIC PROCESS STUDIES, WESTERN ARCTIC
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Vicinity of Sachs Harbour, Banks Island and Dawson City, Dempster Highway, Northern Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of Ottawa, Department of Geography
<u>RESEARCH CO-ORDINATOR:</u>	H.M. French, University of Ottawa
<u>RESEARCHER(S):</u>	D.G. Harvey and W. Polland
<u>FINANCIAL SUPPORT:</u>	University and Federal Government
<u>PURPOSE:</u>	To increase man's understanding of the unique nature of permafrost terrain and thereby to minimize terrain disturbance and to avoid natural hazards (eg. icings along roads; thermokarst in borrow pits etc.)
<u>METHODOLOGY:</u>	Field studies, air photo interpretation, lab analysis of permafrost and superficial materials
<u>PROJECT BEGUN:</u>	1970
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	H.M. French Department of Geography University of Ottawa Ottawa, Ontario K1N 6N5 Tel.: (613) 231-2471

551.4:551.58:58
(*440)

PHYSICAL GEOGRAPHY: CLIMATE: VEGETATION

Card no. 1637

PROJECT TITLE: CLIMATE ENVIRONMENT INTERACTION

GEOGRAPHIC
LOCATION OF
PROJECT: Involut Hill Northwest Territories

PROJECT
UNDERTAKEN BY: University of Alberta Department of Geography

RESEARCH
CO-ORDINATOR: John England

RESEARCHER(S): John England, Ross Hastings and Daniel MacIsaac

FINANCIAL
SUPPORT: Federal Government and University

PURPOSE: To determine how the physical environment affects the distribution of plant communities on Involut Hill; to ascertain how physical factors and plant community distribution influence habitat selection of animals living in the area. The study will attempt to correlate microclimatic variations on Involut Hill with plant community distributions

METHODOLOGY: Holistic study in which the interaction of the major components of Involut Hills environment will be examined: vegetation, microclimate, wildlife habitat and geomorphological components

PROJECT
BEGUN: 1980

ANTICIPATED
COMPLETION: 1981, M.A. Thesis

CONTACT: Ross Hastings
Department of Geography
University of Alberta
Edmonton, Alberta
T6G 2H4

621.644:502.7
(*41N)

PIPELINES: ENVIRONMENT

Card no. 1427

<u>PROJECT TITLE:</u>	ENVIRONMENTAL DECISION - MAKING IN THE NORTH
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada, North of 60°
<u>PROJECT UNDERTAKEN BY:</u>	Champlain College, Trent University
<u>RESEARCH CO-ORDINATOR:</u>	Robert Page, Champlain College, Trent University
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To look at the process of environmental decision - making on the northern pipelines issue
<u>METHODOLOGY:</u>	Political/bureaucratic analysis
<u>PROJECT BEGUN:</u>	1978
<u>ANTICIPATED COMPLETION:</u>	July 1980
<u>CONTACT:</u>	Robert Page Champlain College Trent University Peterborough, Ontario K9J 2B8 Tel.: 745-1364

POLAR BEARS: OIL POLLUTION

Card no. 1551

PROJECT TITLE: TEMPERATURE EFFECTS OF CRUDE OIL ON POLAR BEARS

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: University of Oslo

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Nils A. Øritsland, University of Oslo

FINANCIAL SUPPORT: Federal Government

PURPOSE: To examine, the immediate and long term effects of oil on polar bear by studying:

1. the bear's ability to regulate its body temperature after the hair becomes fouled with oil
2. the thermal properties of oiled polar bear fur from hides of bear (not in site)

PROJECT BEGUN: March 1979

ANTICIPATED COMPLETION: September 1980

REPORTS AND PUBLICATIONS: Temperature Effects on oil on Polar Bears, by N.A. Øritsland, R. Hurst and P.D. Watts, September 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

599.742.2:628.52
(*41)

POLAR BEARS: OIL POLLUTION

Card no. 1555

<u>PROJECT TITLE:</u>	HAEMATOLOGICAL AND PETROLEUM RESIDUE STUDIES OF EXPERIMENTAL POLAR BEARS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	R.F. Engelhardt
<u>RESEARCH CO-ORDINATOR:</u>	Camille Mageau, Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	R.F. Engelhardt
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To monitor polar bears during confinement, and perform haematological and petroleum residue studies in order to assess the impact of oil pollution in those animals
<u>METHODOLOGY:</u>	Haematology, plasma chemistry endocrinology and tissue oil assay (qualitative and quantitative) for bears used in the effects-of-oil experiment; preparation of the final experiment report combining all data sources which will constitute a cause-and-effect assessment in order to explain fatalities occasioned by the experiment, and the effects on the surviving bear
<u>PROJECT BEGUN:</u>	March 1980
<u>ANTICIPATED COMPLETION:</u>	January 1981
<u>REPORTS AND PUBLICATIONS:</u>	<u>Oil Pollution in Polar Bears: Exposure and Clinical Effects,</u> September 1980
<u>CONTACT:</u>	Camille Mageau Offshore Environment Division Northern Environmental Protection Branch Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel.: (819) 997-0044

599.742.2:628.52
(*41)

POLAR BEARS: OIL POLLUTION

Card no. 1557

<u>PROJECT TITLE:</u>	HISTOPATHOLOGY AND HAEMATOLOGY OF EXPERIMENTAL POLAR BEARS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	F.A. Juck
<u>RESEARCH CO-ORDINATOR:</u>	Camille Mageau, Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	F.A. Juck
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To assess the pathological changes noted in the autopsies and their interpretation in relation to clinical pathological alterations in the third live bear induced by the crude oil used in the experiment
<u>METHODOLOGY:</u>	To perform autopsies and histopathological analysis of two dead bears and haematology monitoring of the third live bear
<u>PROJECT BEGUN:</u>	March 1980
<u>ANTICIPATED COMPLETION:</u>	September 1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>Crude Oil Related Pathology in Polar Bears</u> , by F.A. Juck, September 1980
<u>CONTACT:</u>	Camille Mageau Offshore Environment Division Northern Environmental Protection Branch Department of Indian Affairs and Northern Development Les Terrasses de la Chaudière Ottawa, Ontario K1A 0H4 Tel.: (819) 997-0044

32.1:330.02
(*440:94)

POLITICAL PHILOSOPHY: ECONOMIC DEVELOPMENT

Card no. 1715

PROJECT TITLE: COMPARATIVE POLITICAL ECONOMY: NORTHERN CANADA
AND NORTHERN AUSTRALIA

GEOGRAPHIC
LOCATION OF
PROJECT: Northern Territory, Australia, Northwest Territories, Canada

PROJECT
UNDERTAKEN BY: York University, Faculty of Environmental Studies

RESEARCH
CO-ORDINATOR: Grahame Beakhust, York University

RESEARCHER(S): Grahame Beakhust

PURPOSE: To compare the political economy of two northern, remote, regions
having substantial aboriginal populations, as they evolve from
colonialism under British constitutional rule. Of particular concern
is what can be learned about the role of internal colonialism in
the development of underdeveloped hinterland regions

An attempt will be made to make some theoretical contribution
to the study of colonial political economy and the problem of
underdevelopment

METHODOLOGY: The principal model is a colonial one, incorporating the activity
of the central government's exploitation of resources, land and
labour of the hinterland. Research is based on 13 years experience
in the Canadian north. The abstraction of development patterns
in northern Canada since 1945 is used as a basis for an analysis
of the political & economic evolution of the Northern Territory

PROJECT
BEGUN: 1980

ANTICIPATED
COMPLETION: 1984

CONTACT: Grahame Beakhust
Faculty of Environmental Studies
York University
4700 Keele Street
Downsview, Ontario
Tel.: (416) 667-3966

POLLUTION: DRILLING OPERATIONS

Card no. 1577

PROJECT TITLE: BIOLOGICAL CHANGES RESULTING FROM DRILLING FLUID DISPOSAL IN THE CANADIAN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Arctic Islands and Mackenzie Delta, Northwest Territories, and Yukon Territory

PROJECT UNDERTAKEN BY: University of Guelph

RESEARCH CO-ORDINATOR: D.M. Barnett, A/Chief
Environmental Studies Division
Department of Indian and Northern Affairs

RESEARCHER(S): D.W. Smith, University of Guelph

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the disposal of drilling fluids in order to enable the Department to set standards for disposal by various methods. The project examines residual toxicity of plants and soil at sites, where various disposal methods have been used

PROJECT BEGUN: April 1977

ANTICIPATED COMPLETION: March 1982

REPORTS AND PUBLICATIONS: Biological Changes in Permafrost Terrain Adjacent to High Arctic Oil and Gas Well Sites, Department of Indian and Northern Affairs, Environmental Studies No. 16

CONTACT: D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

628.5:551.481.1
(*440)

POLLUTION: LAKES

Card no. 1639

<u>PROJECT TITLE:</u>	EFFECTS OF ARTIFICIALLY ADDED NUTRIENTS TO A LAKE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Saquaqujac, North of Chesterfield Inlet, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Fisheries and Oceans Canada, Freshwater Institute
<u>RESEARCH CO-ORDINATOR:</u>	H.E. Welch, Fisheries and Oceans Canada
<u>RESEARCHER(S):</u>	H.E. Welch
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To continue an experiment on an isolated lake to which methane gas has been added thereby simulating a break in a gas pipeline. To evaluate the effects of artificially added nutrients to the lake. Supplementary water studies and radionuclide level determinations will also be done
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	October 1981
<u>CONTACT:</u>	H.E. Welch Fisheries and Oceans Canada Freshwater Institute 501 University Crescent Winnipeg, Manitoba R3T 2N6

POLLUTION: MARINE ECOLOGY: MINING

Card no. 1558

PROJECT TITLE: NANISIVIK/ARVIK MONITORING PROGRAM

GEOGRAPHIC LOCATION OF PROJECT: Arvik Mine Site Area, Little Cornwallis Island, Nanisivik Mine Site Area, Strathcona Sound

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Regional Office in Yellowknife

RESEARCH CO-ORDINATOR: David Stone, Department of Indian and Northern Affairs, Regional Office, Yellowknife

FINANCIAL SUPPORT: Federal Government

PURPOSE: To establish baseline levels for heavy metals in marine indicator species (seaweed and clams) and over the life of the mine to monitor any possible spread or accumulation of heavy metals (Pb, Zn, Cu, Hg)

METHODOLOGY: Seaweed/clam monitoring will be done each year the mine is in operation

Higher trophic organism will be sampled less frequently

PROJECT BEGUN: Nanisivik - August 1979

Arvik - July - August 1981

ANTICIPATED COMPLETION: On-going

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian Affairs and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

or

David Stone
Department of Indian Affairs and Northern Development
Regional Office, Yellowknife
Tel.: (403) 920-8250

347.93
(*41N)

PUBLIC HEARINGS: NORTHERN CANADA

Card no. 1564

PROJECT TITLE: A SURVEY OF PUBLIC REVIEW HEARINGS IN NORTHERN CANADA

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon and Northwest Territories

PROJECT
UNDERTAKEN BY: Department of Indian and Northern Affairs, Northern Pipelines Branch

RESEARCH
CO-ORDINATOR: Don Bissett, Department of Indian and Northern Affairs, Northern Pipelines Branch

RESEARCHER(S): Bruce Waddell

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To survey the public review hearings which have been conducted in the Yukon and Northwest Territories and to identify emerging trends

METHODOLOGY: Investigated selected factors regarding the sponsoring government departments and agencies, and individual hearings conducted in Northern Canada to date

PROJECT
BEGUN: March 1980

ANTICIPATED
COMPLETION: November 1980

CONTACT: Bruce Waddell
Public Review Division
Northern Pipelines Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0990

RECREATION

Card no. 1438

PROJECT TITLE: MULTI-PURPOSE ARENA - BEAUVAL

GEOGRAPHIC
LOCATION OF
PROJECT: Beauval, Northern Saskatchewan

PROJECT
UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCHER(S): Ray Begrand

PURPOSE: To prepare a planning study for the Beauval Multi-Purpose Arena. The study included preparation of a Capital Recreation Grant application, as well as indicating market size, demand and importance of project to the community of Beauval

METHODOLOGY: Assisted community in preparing detailed financial statement, obtaining price estimates, etc., and canvassing residents of Beauval to record their responses to the proposed project

PROJECT
BEGUN: August 1979

ANTICIPATED
COMPLETION: January 1980

REPORTS AND
PUBLICATIONS: Beauval Recreation Planning Study. Beauval, Saskatchewan, January 1980

CONTACT: Peter Buffin,
Beauval Recreation Facilities Planning Committee
Beauval, Saskatchewan

79
(*440)

RECREATION

Card no. 1626

<u>PROJECT TITLE:</u>	RECREATIONAL SERVICES DELIVERY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Inuvik, Fort Franklin, Yellowknife and Tuktoyaktuk, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Alberta, Department of Physical Education
<u>RESEARCH CO-ORDINATOR:</u>	Vicky Paraschak, University of Alberta
<u>RESEARCHER(S):</u>	Vicky Paraschak
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To conduct a study in order to determine how recreation programs are delivered at the community level
<u>METHODOLOGY:</u>	Examination of information retained in municipal files. General interviews. Observation of recreational activities in the communities
<u>PROJECT BEGUN:</u>	August 1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Vicky Paraschak Department of Physical Education University of Alberta c/o General Delivery Yellowknife, Northwest Territories X0E 1H0

REINDEER: WILDLIFE MANAGEMENT

Card no. 1638

PROJECT TITLE: MONITORING REINDEER RANGELAND CONDITIONS USING
REMOTE SENSING

GEOGRAPHIC
LOCATION OF
PROJECT: Mackenzie Delta Grazing Reserve, Northwest Territories

PROJECT
UNDERTAKEN BY: University of British Columbia, Faculty of Forestry

RESEARCH
CO-ORDINATOR: Richard A. Sims, University of British Columbia

RESEARCHER(S): Richard A. Sims and P.A. Murtha

FINANCIAL
SUPPORT: Federal Government and Industry

PURPOSE: To investigate reindeer rangeland type and condition within the
Mackenzie Delta Grazing Reserve in order to:

- 1) set up the remote sensing technology to monitor reindeer
range conditions, and
- 2) suggest interpretive methods by testing various remote
sensing techniques

METHODOLOGY: Sampling will be carried out using a "multistage" strategy, with
four "levels" of data collection:

- 1) Stage I - satellite imagery;
- 2) Stage II - small scale photography and imagery;
- 3) Stage III - large scale photography; and
- 4) Field reconnaissance and ground truthing

PROJECT
BEGUN: July 1980

CONTACT: Richard A. Sims
Faculty of Forestry
University of British Columbia
Vancouver, British Columbia
V6T 1W5

620.911:711.1
(*41)

RENEWABLE ENERGY: ISOLATED COMMUNITIES

Card no. 1472

PROJECT TITLE: ROLE OF RENEWABLE SOURCES OF ENERGY IN REMOTE
 LOCATIONS: ENERGY DEMAND CHARACTERISTICS AND
 RENEWABLE ENERGY RESOURCE BASE

GEOGRAPHIC Canada
LOCATION OF
PROJECT:

PROJECT Techno-Economic Research Unit
UNDERTAKEN BY:

RESEARCH E.R. Anderson, Techno-Economic Research Unit
CO-ORDINATOR:

FINANCIAL Federal Government
SUPPORT:

PURPOSE: To investigate the role of renewable sources of energy in remote
 locations

PROJECT January 1980
BEGUN:

ANTICIPATED June 1980
COMPLETION:

CONTACT: E.R. Anderson
 Techno-Economic Research Unit
 P.O. Box 1232A
 Toronto, Ontario
 M5W 1G7
 Tel.: (416) 961-4691

330.02:.001.5:167
(*41)

RESOURCE DEVELOPMENT: ETHICS

Card no. 1436

<u>PROJECT TITLE:</u>	MORAL, ETHICAL AND SPIRITUAL ASPECTS OF FRONTIER DEVELOPMENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canadian North and other hinterland areas
<u>PROJECT UNDERTAKEN BY:</u>	Jim Lotz Associates
<u>RESEARCH CO-ORDINATOR:</u>	Jim Lotz, Jim Lotz Associates
<u>PURPOSE:</u>	To indicate how two modes of thought can be synthesized within a framework of moral and ethical concerns. Development is obviously a process that involves moral, ethical and spiritual choices. However, in hinterland areas, there is a marked contrast between people who come from "outside" (to exploit resources, to start a new life, etc.) and those who are "inside". Technology powers outside intervention - it is "rational, linear, logical." Insiders are dominated by the physical environment, and rely more on intuitive, non-linear modes of thought
<u>METHODOLOGY:</u>	Library research, model building, and simply thinking. Residing in another hinterland area allows comparison with the North
<u>FINDINGS:</u>	Basic conclusion is that hinterland people use the right hemisphere of the brain more effectively, while metropolis people favour the left hemisphere
<u>PROJECT BEGUN:</u>	1975
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	"The Caribou and the Lichen; Some Reflections from the Hinterland." Journal of Canadian Studies, Fall, 1980
<u>CONTACT:</u>	Jim Lotz Jim Lotz Associates Box 3393, Halifax South P.O. Halifax, Nova Scotia B3J 3J1 Tel.: (902) 423-3263

330.02:39
(*41N)(*50)

RESOURCE DEVELOPMENT: NATIVE PEOPLE

Card no. 1491

PROJECT TITLE: THE LAND THAT IS NUNAVUT: A TWO PART STUDY OF RESOURCE DEVELOPMENT IN ARCTIC CANADA AND SOVIET SIBERIA

GEOGRAPHIC LOCATION OF PROJECT: Canadian Arctic and Siberian Region, USSR

PROJECT UNDERTAKEN BY: Planning School
Architectural Association
School of Architecture
London, England

RESEARCHER(S): Richard Bushey, School of Architecture, London, England

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the effects of resource development on native peoples' development in the Canadian and Siberian Arctic

METHODOLOGY: Economic data, statistical research, sociology analysis, comparative analysis and environmental impact

PROJECT BEGUN: September 1978

ANTICIPATED COMPLETION: July 1980, Graduate thesis

REPORTS AND PUBLICATIONS: The Land that is Nunavut: A two Part Study of Resource Development in Arctic Canada and Soviet Siberia by Richard Bushey, available at Central Mortgage and Housing Corporation, Ottawa

CONTACT: Richard Bushey
No. 801 Fraser Tower
Yellowknife
Northwest Territories
Tel.: (403) 873-7895

RESOURCE DEVELOPMENT: TRANSPORTATION: ABORIGINAL RIGHTS

Card no. 1470

PROJECT TITLE: ARCTIC SEAS STUDY

GEOGRAPHIC LOCATION OF PROJECT: Northwest Passage

PROJECT UNDERTAKEN BY: Canadian Arctic Resources Committee

RESEARCH CO-ORDINATOR: François Bregha, Canadian Arctic Resources Committee

RESEARCHER(S): Robbie Keith and Randy Ames

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To review the existing body of knowledge about the High Arctic; to assess Canadian science policy in the North; to identify the implications of aboriginal rights on resource development; to review regulatory processes applicable to northern resource transportation projects; to evaluate options for the development and transportation of non-renewable resources; to monitor international development

METHODOLOGY: Several studies have been commissioned under the project umbrella to meet the objectives above. In order to focus public attention on the issues raised by Arctic marine transportation, the project has published a monthly bulletin, 2 reports, and organized a conference

PROJECT BEGUN: September 1978

ANTICIPATED COMPLETION: Spring 1981

REPORTS AND PUBLICATIONS: Marine Transportation and High Arctic Development: Policy Framework and Priorities. Canadian Arctic Resources Committee 1979
Marine Transportation and High Arctic Development: A Bibliography. Canadian Arctic Resources Committee, 1980

CONTACT: François Bregha
Canadian Arctic Resources Committee
46 Elgin Street, Room 11
Ottawa, Ontario
K1P 5K6
Tel.: (613) 236-7379

631.61:622
(*41N)

REVEGETATION: MINING

Card no. 1579

<u>PROJECT TITLE:</u>	DEVELOPMENT OF GRASS VARIETIES FOR MINE TAILINGS REVEGETATION
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada, North of 60°, with additional data from the Sudbury basin
<u>PROJECT UNDERTAKEN BY:</u>	University of Toronto, Institute of Environmental Studies
<u>RESEARCH CO-ORDINATOR:</u>	D.M. Barnett, A/Chief, Environmental Studies Division, Department of Indian and Northern Affairs
<u>RESEARCHER(S):</u>	T.C. Hutchinson, University of Toronto
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To investigate the problem of revegetating and stabilizing northern mine tailings
<u>FINDINGS:</u>	Most plants adapted to northern climate are not adapted to heavy metal contaminated soils. So far two species have been very successful and research is continuing to see if they could be used on a practical scale with commercial possibilities
<u>PROJECT BEGUN:</u>	April 1976
<u>ANTICIPATED COMPLETION:</u>	March 1981
<u>CONTACT:</u>	D.M. Barnett, A/Chief Environmental Studies Division Northern Environmental Protection Branch Northern Affairs Program Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario Tel.: (819) 997-0044

551.482(LIARD):556.16

(*440)

RIVER: FLOODING

Card no. 1630

<u>PROJECT TITLE:</u>	LIARD BASIN SPRING FLOOD STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Liard River Region, and Mackenzie River Region, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Environment Canada, Snow and Ice Division, National Hydrology Institute, Inland Waters Directorate
<u>RESEARCH CO-ORDINATOR:</u>	D.A. Sherstone
<u>RESEARCHER(S):</u>	D.A. Sherstone, D.J. Grey, A.C.D. Terroux
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	This project has three objectives: To conduct aerial photography surveys to identify ice jams with resultant flooding; to conduct aerial photography to identify potential non-Mackenzie Valley pipeline routes; to obtain water samples to determine sediment loads carried by the river at various times and locations
<u>PROJECT BEGUN:</u>	March 1980
<u>ANTICIPATED COMPLETION:</u>	November 1980
<u>CONTACT:</u>	D.A. Sherstone National Hydrology Research Institute Inland Waters Directorate Environment Canada OTTAWA, Ontario K1A 0E7

599.745:502.7
(*61)

SEALS: WILDLIFE MANAGEMENT

Card no. 1468

<u>PROJECT TITLE:</u>	ECOPHYSIOLOGY OF MARINE MAMMALS
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Gulf of St. Lawrence to Jones Sound
<u>PROJECT UNDERTAKEN BY:</u>	University of Guelph, College of Biological Science
<u>RESEARCH CO-ORDINATOR:</u>	K. Ronald, University of Guelph
<u>RESEARCHER(S):</u>	Graduate students and technicians
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To understand the biology of the seal, and to apply such knowledge to the management of the relevant species
<u>METHODOLOGY:</u>	Field and laboratory studies
<u>PROJECT BEGUN:</u>	1964
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>Bibliography on the Pinnipedia</u> , K. Ronald et al 1975. Numerous other papers and book on seal biology and management
<u>CONTACT:</u>	Professor K. Ronald Dean College of Biological Science Guelph, Ontario N1G 2W1 Tel.: (519) 824-4120

685.532:624.14
(*41N)

SHELTERS, TEMPORARY: ICE ENGINEERING

Card no. 1479

<u>PROJECT TITLE:</u>	REINFORCED ICE DOMES: THE USE OF ICE AS A STRUCTURAL MATERIAL
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada North of 60°
<u>PROJECT UNDERTAKEN BY:</u>	University of Calgary, Department of Mechanical Engineering
<u>RESEARCH CO-ORDINATOR:</u>	P.G. Glockner, University of Calgary, Department of Mechanical Engineering
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To investigate properties of ice as a structural material and to study the use of ice-domes for the creation of temporary enclosures in the north
<u>METHODOLOGY:</u>	Experimental and analytical studies
<u>FINDINGS:</u>	We have shown by means of constructing models of ice-domes that spraying water onto an inflatable dome is an economically and technically feasible and viable method for the creation of temporary shelters
<u>PROJECT BEGUN:</u>	Research on ice-domes was begun some 8 - 9 years ago
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	Various communications presented at conferences. Contact author direct
<u>CONTACT:</u>	Dr. P.G. Glockner Professor and Head Department of Mechanical Engineering University of Calgary Calgary, Alberta T2N 1N4 Tel.: 284-5770

551.32:556.55:57
(*423)

SNOW AND ICE: LAKE HYDROLOGY: BIOLOGY

Card no. 1527

PROJECT TITLE: ASPECTS OF SNOW AND ICE COVER: ELIZABETH LAKE BASIN

GEOGRAPHIC
LOCATION OF
PROJECT: Elizabeth Lake, Labrador

PROJECT
UNDERTAKEN BY: Trent University

RESEARCH
CO-ORDINATOR: W.P. Adams, Trent University

FINANCIAL
SUPPORT: University, Federal and Provincial Governments

PURPOSE: To study land and lake snowcover and the ice cover of the lake with particular reference to hydrological and biological implication. The latter included studies of ice and snow chemistry and the role of snow and ice in the light regime of the lake

METHODOLOGY: Aspects of the basin were monitored over a long period of time but the focus of the study was a very large short-term, random sample of ice and snowcover conditions

PROJECT
BEGUN: Summer 1978

ANTICIPATED
COMPLETION: Summer 1982

REPORTS AND
PUBLICATIONS: "Vegetation-snow relationships in Labrador." Proc. Eastern Snow Conference, 36, 1-25, 1979, by W.P. Adams and D.R. Barr

"Illustration of the roles of snow in the evolution of the winter cover of a lake." Arctic, 33, 1, 100-116, 1980, by W.P. Adams and N.T. Roulet

"Studies in Snow and Ice." Trent Student Geographer, 8, Trent University, 193 p., 1980, N.T. Roulet ed.

CONTACT: W.P. Adams
Office of Graduate Studies & Research
Trent University
Peterborough, Ontario
K9J 7B8
Tel.: (705) 748-1245

302:628.5a:622
(*440)(*430)

SOCIAL IMPACT ASSESSMENT: ENVIRONMENTAL IMPACT
ASSESSMENT: MINING

Card no. 1580

<u>PROJECT TITLE:</u>	CANADIAN ARCTIC RESOURCES COMMITTEE NORTHERN MINING STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories and Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of Waterloo, Department of Man-Environment Studies
<u>RESEARCH CO-ORDINATOR:</u>	Robert F. Keith, University of Waterloo, Department of Man-Environment Studies
<u>FINANCIAL SUPPORT:</u>	Canadian Arctic Resources Committee
<u>PURPOSE:</u>	To identify potential mining projects (ore bodies not in production) and assess the state of knowledge on the environmental social and economic consequences
<u>METHODOLOGY:</u>	Interview; analysis of documents
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	Robert F. Keith Department of Man-Environment Studies University of Waterloo Waterloo, Ontario N2L 3G1 Tel.: (519) 885-1211

302:621.311:621 22
(*423)

SOCIAL IMPACT ASSESSMENT:
HYDROELECTRIC POWER

Card no. 1545

<u>PROJECT TITLE:</u>	SOCIO-ECONOMIC STUDY - POWER SITES
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Beak Consultants Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	Wilson Eedy, Beak Consultants Ltd.
<u>RESEARCHER(S):</u>	Helen Howes and Catherine Robinson
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To evaluate the social, economic and resource use effects of constructing and operating a hydroelectric generating station at either Gull Island or Muskrat Falls on the Lower Churchill River. A public participation programme was also implemented
<u>METHODOLOGY:</u>	Socio-economic impact - data gathering: questionnaire citizen advisory committee, interviews, and public meeting - evaluation: judgemental and case studies
<u>PROJECT BEGUN:</u>	July 1979
<u>ANTICIPATED COMPLETION:</u>	September 1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>Socio Economic Study - Power Plants</u> , April 1980
<u>CONTACT:</u>	Bevin LeDrew Lower Churchill Development Corporation Limited P.O. Box 9800 St. John's, Newfoundland Tel.: (709) 737-1281

302:621.311:621.22
(*423)

SOCIAL IMPACT ASSESSMENT: HYDROELECTRIC POWER

Card no. 1666

<u>PROJECT TITLE:</u>	LOWER CHURCHILL ENVIRONMENTAL ASSESSMENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Lower Churchill River Valley, Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Lower Churchill Development Corporation
<u>RESEARCH CO-ORDINATOR:</u>	Bevin R. LeDrew
<u>RESEARCHER(S):</u>	Various consultants
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To obtain approval under the Federal Environmental Assessment and Review Process for proposed hydro-electric developments
<u>METHODOLOGY:</u>	Studies undertaken according to guidelines issued by the Environmental Assessment Review Panel
<u>FINDINGS:</u>	Panel decision approved the project in December 1980, subject to certain environmental and socio-economic conditions
<u>PROJECT BEGUN:</u>	1971
<u>ANTICIPATED COMPLETION:</u>	1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>Environmental Impact Assessment - Generation.</u> 2 Vols. Lower Churchill Development Corporation 1980
<u>CONTACT:</u>	Bevin R. LeDrew Lower Churchill Development Corporation P.O. Box 9800 St. John's, Newfoundland A1A 3W3 Tel.: (709) 737-1285

302:621.311:621.22>(*424)
(*623)

SOCIAL IMPACT ASSESSMENT: JAMES BAY HYDROELECTRIC PROJECT

Card no. 1585

PROJECT TITLE: CREE CONTINUITY AND CHANGE PROJECT

GEOGRAPHIC
LOCATION OF
PROJECT: Wemindji, Chisasibi and Mistassini, James Bay

PROJECT
UNDERTAKEN BY: Queen's University

RESEARCH
CO-ORDINATOR: John W. Berry

RESEARCHER(S): J.W. Berry, R.M. Wintrob, P.S.Sindell and T.A. Mawhinney

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To monitor the psychological and cultural changes which are taking place now that the James Bay Hydroelectric project is underway, and the legal agreements surrounding it are being implemented. The findings of this study will be available to the people of the area so that appropriate steps may be taken to deal effectively with the impact which they are experiencing

METHODOLOGY: Original studies in 1967-1971 have been repeated in 1978-1979 employing the original samples and new samples in the three communities. A combination of archival, observational, interviewing and testing methods have been employed

PROJECT
BEGUN: Phase 1: 1967
Phase 2: 1977

ANTICIPATED
COMPLETION: 1980

CONTACT: John W. Berry
Psychology Department
Queen's University
Kingston, Ontario
K7L 3N6
Tel.: (613) 547-2697

302:622
(*462)

SOCIAL IMPACT ASSESSMENT: MINING

Card no. 1582

<u>PROJECT TITLE:</u>	STRATHCONA SOUND PROJECT (NANISIVIK MINES LTD.)
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Baffin Island, near Arctic Bay
<u>PROJECT UNDERTAKEN BY:</u>	Hickling-Smith Inc.
<u>RESEARCH CO-ORDINATOR:</u>	Steering Committee headed by H. Wirth Department of Indian and Northern Affairs, Northern Economic Analysis Division
<u>RESEARCHER(S):</u>	David P. Deziel
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To conduct an evaluation of the project which will determine the extent to which the original objectives have been realized
<u>PROJECT BEGUN:</u>	December 1980
<u>ANTICIPATED COMPLETION:</u>	March 13, 1981
<u>CONTACT:</u>	Roger J. Simard Northern Economic Analysis Division Northern Economic Planning Branch Department of Indian and Northern Affairs Les Terrasses de la Chaudière Ottawa, Ontario Tel.: (819) 997-0022

302:621.644 (Alaska; Dempster)
(*430)(*472)

SOCIAL IMPACT ASSESSMENT: PIPELINES, ALASKA HIGHWAY,
DEMPSTER CORRIDOR

Card no. 1445

PROJECT TITLE: ALASKA HIGHWAY PIPELINE IMPACT MANAGEMENT STRATEGY
DEMPSTER CORRIDOR PIPELINE IMPACT MANAGEMENT STRATEGY

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon and Mackenzie Delta

PROJECT
UNDERTAKEN BY: Alaska Highway Pipeline Panel

RESEARCH
CO-ORDINATOR: C.H. Templeton, Alaska Highway Pipeline Panel

RESEARCHER(S): Irving K. Fox, W. Winston Mair, Ian McTaggart Cowan, J. Gordon
Nelson, Carson H. Templeton (Alaska Highway Pipeline Panel
members)

FINANCIAL
SUPPORT: Industry

PURPOSE: To prepare a management strategy in conjunction with local people
to understand the impacts that will likely occur and the means
of improving them to acceptable levels

METHODOLOGY: Workshops mainly

FINDINGS: The Impact Assessment Process must include impact management
strategies or the predictions will be imprecise or even misleading

PROJECT
BEGUN: 1976

ANTICIPATED
COMPLETION: 1980

REPORTS AND
PUBLICATIONS: Towards the Management of Socio-Economic Impacts Related
to the Alaska Highway Pipeline Project. Series of Socio-Economic
Booklets, January 1978 to April 1978

Various impact assessment reports on Dempster Corridor and
Alaska Highway Pipeline Projects. CONTACT C.H. TEMPLETON
FOR DETAILS

CONTACT: C.H. Templeton
Alaska Highway Pipeline Panel
710-363 Broadway
Winnipeg, Manitoba
R3C 3N9
Tel.: (204) 943-1556

302:331.2:39
(*462)

SOCIAL IMPACT ASSESSMENT: WAGE EMPLOYMENT: NATIVE PEOPLE

Card no. 1569

PROJECT TITLE: HISTORICAL DEVELOPMENT OF CURRENT PATTERNS OF
INUIT CULTURE AND IMPLICATIONS WITH RESPECT TO FUTURE
DEVELOPMENT

GEOGRAPHIC
LOCATION OF
PROJECT: Baffin Island

PROJECT
UNDERTAKEN BY: McGill University, Centre for Northern Studies and Research

RESEARCH
CO-ORDINATOR: G. Leitch, Community Liaison and Social Impact Assessment,
Petro-Canada

RESEARCHER(S): William Kemp, McGill University

FINANCIAL
SUPPORT: Industry

PURPOSE: To gain insight into how Inuit culture has changed this century, and how
it will further have to change if Inuit participate in the wage
economy

METHODOLOGY: Historical research from anthropological/sociological perspective

PROJECT
BEGUN: Fall 1980

ANTICIPATED
COMPLETION: December 1980

CONTACT: G. Leitch
Community Liaison and Social Impact Assessment
Petro-Canada
P.O. Box 2844
Calgary, Alberta
T2P 2M7
Tel.: (403) 232-8000

308:502.7
(*424.1)

SOCIAL SURVEY: ENVIRONMENT

Card no. 1583

PROJECT TITLE: SYNTHESIS OF BIOPHYSICAL AND SOCIO-ECONOMIC STUDIES
ON NORTHERN QUEBEC

GEOGRAPHIC
LOCATION OF
PROJECT: Northern Quebec

PROJECT
UNDERTAKEN BY: Office de Planification et de Développement du Québec

RESEARCH
CO-ORDINATOR: Centre de Recherche du Moyen-Nord. Université du Québec à
Chicoutimi

RESEARCHER(S): Multidisciplinary team of researchers from the Centre de Recherche
du Moyen-Nord and other centres for northern studies in Quebec

FINANCIAL
SUPPORT: Provincial Government

PURPOSE: To establish the state of knowledge on northern Quebec. This
document will produce an exhaustive inventory of studies and
research projects related to the following aspects of this territory;
hydrographic basins, geology, geomorphology, seasonal variations
of ice, large ecosystems, climate, topography, spatial distribution
of population, stages in the establishment of the population, seasonal
migratory movements, hunting and fishing territories, administrative
divisions, schools, health and legal services, telecommunications,
transport, mining, hydroelectricity, forest, wildlife and touristic
potential, and small native industries

METHODOLOGY:

- Location of all relevant documents
- Standardization of references
- Cartography of most significant elements
- Analysis of the different spatial components of the area

PROJECT
BEGUN: June 1979

ANTICIPATED
COMPLETION: May 1981

CONTACT: Jules Dufour
Centre de Recherche du Moyen-Nord
Université du Québec à Chicoutimi
Chicoutimi (Québec)

SOCIO-ECONOMIC IMPACT: MINERAL RESOURCES

Card no. 1696

PROJECT TITLE: REVIEW AND EVALUATION OF THE POTENTIAL FOR THE DEVELOPMENT OF A YUKON BARITE SUPPLY AND RELATED SOCIO ECONOMIC IMPACT

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs and Department of Energy, Mines and Resources

RESEARCH CO-ORDINATOR: Marcel St-Pierre, Department of Indian and Northern Affairs

RESEARCHER(S): Oliver Vagt, Ado Vaher, Sinclair Collymore and Marcel St-Pierre

FINANCIAL SUPPORT: Federal Government

PURPOSE: To review and evaluate the potential for the development of a Yukon barite supply and the related socio economic impact

METHODOLOGY:

- Meeting with companies involved
- Review of Government files and correspondence related to subject
- Gathering and review of socio economic data for communities involved
- Use of cashflow analysis

PROJECT BEGUN: October 1980

ANTICIPATED COMPLETION: March 1981

CONTACT: Marcel St-Pierre
Resources Section
Northern Economic Planning
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0022

697.7:69
(*428.1)

SOLAR HEATING: BUILDING CONSTRUCTION

Card no. 1650

<u>PROJECT TITLE:</u>	ANZAC PASSIVE SOLAR HEATED COMMUNITY CENTRE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Anzac, Alberta
<u>PROJECT UNDERTAKEN BY:</u>	Sunergy Systems Ltd., Carstairs, Alberta and Anzac Citizen Association, Fort McMurray, Alberta
<u>RESEARCH CO-ORDINATOR:</u>	J.K. Kleta, Advisor, Energy Resources Research Fund
<u>RESEARCHER(S):</u>	M. Kerfoot and M. Gagne
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To design a solar heated community centre. To supervise the construction phase and do the basic monitoring after completion and occupancy of building
<u>METHODOLOGY:</u>	Demonstration project: passive solar energy application in northern climates. Community Centre for gatherings and social events within the community
<u>PROJECT BEGUN:</u>	1981
<u>ANTICIPATED COMPLETION:</u>	Summer/fall 1981
<u>CONTACT:</u>	J.K. Kleta Advisor, ERRF Program 9915 - 108 Street, Ninth Floor Petroleum Plaza. South Tower Edmonton, Alberta T5K 2C9

TELECOMMUNICATIONS: ALASKA

Card no. 1689

<u>PROJECT TITLE:</u>	TELECOMMUNICATIONS IN ALASKA: ECONOMICS AND PUBLIC POLICY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Alaska
<u>PROJECT UNDERTAKEN BY:</u>	Alaska Governor's Office of Telecommunications
<u>RESEARCH CO-ORDINATOR:</u>	William H. Melody, Simon Fraser University, Department of Communications
<u>RESEARCHER(S):</u>	Douglas Goldschmidt, Aileen Arnarandos and Heather Hudson
<u>FINANCIAL SUPPORT:</u>	Alaska Government
<u>PURPOSE:</u>	To examine major telecommunications issues confronting Alaska interstate rate integration, extension of local service to unserved rural areas, regulation and jurisdictional cost separations
<u>METHODOLOGY:</u>	Reviews telecommunications development, structure of Alaskan Telecommunications System, rate making and rate regulation and jurisdictional cost separations
<u>FINDINGS:</u>	The study exposes weaknesses in the Alaska telecommunications structure that have created problems for the development of a statewide telecommunications system adequate to serve the needs of Alaskans
<u>PROJECT BEGUN:</u>	Summer 1976
<u>ANTICIPATED COMPLETION:</u>	April 1978
<u>CONTACT:</u>	William H. Melody Department of Communications Simon Fraser University Burnaby, British Columbia Tel.: (604) 291-4341

654:37
(*424.1)

TELECOMMUNICATIONS: EDUCATION

Card no. 1601

<u>PROJECT TITLE:</u>	TELE-EDUCATION
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Sugluk - George River, Great Whale River, Fort Chimo, Inoucdjouac, Northern Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Ministry of Education, Ouebec
<u>RESEARCH CO-ORDINATOR:</u>	Gilbert Legault, Kativik School Board
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	Delivery of educational material to people in remote regions of Northern Quebec
<u>METHODOLOGY:</u>	Anik-B satellite pilot project
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	February 1981
<u>CONTACT:</u>	Louis Leclerc Co-ordinateur Programmes experimentaux par satellites Ministère des communications Québec Tel.: (418) 643-8741

654:37
(*428)

TELECOMMUNICATIONS: EDUCATION

Card no. 1602

<u>PROJECT TITLE:</u>	ALBERTA EDUCATIONAL COMMUNICATIONS AUTHORITY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	High Level, Peace River, Grouard, Grande Prairie, Fort McMurray, Medicine Hat and Edmonton
<u>PROJECT UNDERTAKEN BY:</u>	Department of Communications and Alberta Educational Communications Authority
<u>RESEARCH CO-ORDINATOR:</u>	H.G. Kratz, Alberta Educational Communications Authority
<u>RESEARCHER(S):</u>	I.R. James, Special Projects ACCESS, Alberta
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To gain first hand experience with satellite technology as it is applied to educational television programming with the Province of Alberta
<u>PROJECT BEGUN:</u>	March 1980
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>Alberta Educational Communications Authority, Summary Record</u> Anik-B Users Meeting, June 5 1980, Department of Communications Progress Report
<u>CONTACT:</u>	R.J. O'Connor Department of Communications Ottawa, Ontario Tel.: (613) 596-9580

654:
614:37:681.3
(*423)(*421)

TELECOMMUNICATIONS: HEALTH: EDUCATION

Card no. 1509

<u>PROJECT TITLE:</u>	MEMORIAL UNIVERSITY FACULTY OF MEDICINE, TELECONFERENCE SYSTEM
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Newfoundland and Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University of Newfoundland, Faculty of Medicine, Continuing Medical Education
<u>RESEARCH CO-ORDINATOR:</u>	Judy Roberts, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	Eric M. Canning
<u>FINANCIAL SUPPORT:</u>	University, Federal Government, Provincial Government
<u>PURPOSE:</u>	To explore the potential of a teleconference system in the health and education settings of a Province with a small, widely dispersed population
<u>PROJECT BEGUN:</u>	November 1978
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>CONTACT:</u>	Judy Roberts Telemedicine and Health Faculty of Medicine Memorial University of Newfoundland St. John's, Newfoundland A1B 3V6 Tel.: (709) 737-6654

654:
614:629.783
(*423)(*421)

TELECOMMUNICATIONS: HEALTH: SATELLITES

Card no. 1508

<u>PROJECT TITLE:</u>	MEMORIAL UNIVERSITY ANIK B PILOT PROJECT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Newfoundland and Labrador
<u>PROJECT UNDERTAKEN BY:</u>	Memorial University, Faculty of Medicine
<u>RESEARCH CO-ORDINATOR:</u>	Dr. Max House and Judy Roberts, Memorial University of Newfoundland
<u>RESEARCHER(S):</u>	Eric M. Canning
<u>FINANCIAL SUPPORT:</u>	Federal Government, Provincial Government and Industry
<u>PURPOSE:</u>	To explore the pre-operational feasibility of satellites in a remote health setting and the feasibility of a hybrid satellite/terrestrial audio conferencing system
<u>PROJECT BEGUN:</u>	April 1980
<u>ANTICIPATED COMPLETION:</u>	1981
<u>CONTACT:</u>	Judy Roberts Telemedicine and Health Faculty of Medicine Memorial University of Newfoundland St. John's, Newfoundland A1B 3V6 Tel.: (709) 737-6654

654:614:629.783
(*623)

TELECOMMUNICATIONS: HEALTH: SATELLITES

Card no. 1598

PROJECT TITLE: A TELE-MEDICINE SYSTEM FOR SPECIALIZED MEDICAL SERVICES

GEOGRAPHIC LOCATION OF PROJECT: James Bay, LG-2, LG-3

PROJECT UNDERTAKEN BY: Université de Montréal, Institut de génie biomédical

RESEARCH CO-ORDINATOR: Louis Leclerc, Ministère des communications, Québec

RESEARCHER(S): Dr. Fernand Roberge

FINANCIAL SUPPORT: Federal Government, Provincial Government and University

PURPOSE: Audio and video teleconferencing in health care and education in an extension of services from Montreal to remote regions

METHODOLOGY: Anik-B satellite pilot project

PROJECT BEGUN: Spring 1979

ANTICIPATED COMPLETION: August 1980

REPORT AND PUBLICATIONS: Tele-medicine System Montreal, LG-2, Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report

CONTACT: Louis Leclerc
Co-ordinateur
Programmes Expérimentaux par satellites
Ministère des Communications
Québec, P.Q.
Tel.: (418) 643-8741

654:654.15:
654.197
(*470)

TELECOMMUNICATIONS: RADIO: TELEVISION

Card no. 1565

PROJECT TITLE: MACKENZIE RADIO/TELEVISION AUDIENCE SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Upper Mackenzie Region of the Northwest Territories

PROJECT UNDERTAKEN BY: Canadian Broadcasting Corporation

RESEARCH CO-ORDINATOR: Ernie Fraser, Canadian Broadcasting Corporation

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate radio listening and television viewing habits of Dogrib, Slavey and Chipewyan adults aged 15-plus resident within the coverage area of CBC's AM radio station in Yellowknife. Information to be used by CBC's northern service in the planning of increased native-language programming for the above mentioned area

METHODOLOGY: Personal interview with respondents selected by a probability sampling technique. Interviewing was done in the Dogrib, Slavey and Chipewyan languages

PROJECT BEGUN: January 1980

ANTICIPATED COMPLETION: September 1980

REPORTS AND PUBLICATIONS: The Native Audience for Radio in the Mackenzie Region of Canada's Northwest Territories: An Audience Survey for CBC Radio Planning with some Related Data on Television Viewing. Canadian Broadcasting Corporation. September 1980

CONTACT: Ernie Fraser
Research Department
Canadian Broadcasting Corporation
P.O. Box 8478
Ottawa, Ontario
K1G 3J5
Tel.: (613) 731-3111 Ext. 511

654:629.783
(*429)(*430)(*440)

TELECOMMUNICATIONS: SATELLITES

Card no. 1599

<u>PROJECT TITLE:</u>	PROGRAM DELIVERY PILOT PROJECT IN BRITISH COLUMBIA
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern British Columbia, Whitehorse, Yellowknife and other locations in the North. Forty locations in all
<u>PROJECT UNDERTAKEN BY:</u>	Canadian Broadcasting Corporation, Department of Communications and British Columbia Television
<u>RESEARCH CO-ORDINATOR:</u>	R.J. O'Connor, Department of Communications
<u>RESEARCHER(S):</u>	Hugh Barr, and Tac Negro
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To test the principle of direct broadcasting by satellite
<u>METHODOLOGY:</u>	CBC and BCTV programming are being transmitted from Burnaby via the Anik-B satellite to low cost earth terminals located at various sites in northern B.C. and the territories
<u>PROJECT BEGUN:</u>	December 14, 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	Program Delivery Pilot Project (West), Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report
<u>CONTACT:</u>	R.J. O'Connor Department of Communications Ottawa, Ontario Tel.: (613) 596-9580

654:629.783
(*440)

TELECOMMUNICATIONS: SATELLITES

Card no. 1600

<u>PROJECT TITLE:</u>	INUKSHUK
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Frobisher Bay, Pond Inlet, Igloolik, Cambridge Bay, Eskimo Point, Baker Lake, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Inuit Tapirisat of Canada
<u>RESEARCH CO-ORDINATOR:</u>	Lyndsay Green, Inuit Tapirisat of Canada
<u>RESEARCHER(S):</u>	Ron Robbins and Gail Valaskakis
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	Interactive communications and teleconferencing links to meet the special needs of Inuit communities
<u>METHODOLOGY:</u>	Anik-B satellite pilot project
<u>PROJECT BEGUN:</u>	Fall 1980
<u>ANTICIPATED COMPLETION:</u>	February 1981
<u>REPORTS AND PUBLICATIONS:</u>	<u>The Inukshuk Project</u> , Summary Record of Anik B Users Meeting, June 5, 1980, Department of Communications Progress Report
<u>CONTACT:</u>	Lyndsay Green Inuit Tapirisat of Canada 176 Gloucester Street 3rd Floor, Ottawa, Ontario Tel.: (613) 238-8181

654:629.783:711.1
(*424.1)

TELECOMMUNICATIONS: SATELLITES: ISOLATED COMMUNITIES

Card no. 1596

<u>PROJECT TITLE:</u>	NAALAKVIK II
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Sugluk, George River, Great Whale River, Fort Chimo, Inoucdjouac, Northern Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Taqramiut Nipingat Inc.
<u>RESEARCHER(S):</u>	Paul Lumsden and Evelyne Foy
<u>FINANCIAL SUPPORT:</u>	Federal Government and Provincial Government
<u>PURPOSE:</u>	To establish a video and telephone network linking five Inuit communities in Northern Quebec
<u>METHODOLOGY:</u>	An Anik-B satellite pilot project
<u>PROJECT BEGUN:</u>	Fall 1980
<u>ANTICIPATED COMPLETION:</u>	February 1981
<u>REPORTS AND PUBLICATIONS:</u>	<u>Project Naalakvik II, Summary Record of Anik-B Users Meeting,</u> June 5, 1980, Department of Communications Progress Report
<u>CONTACT:</u>	Taqramiut Nipingat Inc. Suite 201 376 Churchill Avenue Ottawa, Ontario K1Z 5C3 Tel.: (613) 722-0912

TELECOMMUNICATIONS: TELEVISION

Card no. 1563

PROJECT TITLE: THE IMPACT AND MEANING OF TELEVISION AMONG NATIVE COMMUNITIES IN NORTHERN MANITOBA

GEOGRAPHIC LOCATION OF PROJECT: Norway House, Oxford House, Jackhead, Winnipeg, Manitoba

PROJECT UNDERTAKEN BY: G. Granzberg and J. Steinbring, University of Winnipeg

RESEARCHER(S): Chris Hans, Cecil Pereira, Nancy Hanks

FINANCIAL SUPPORT: Federal Government

PURPOSE: To discover the impact and meaning of television in Algonkian society and to apply the information to Native programming needs in general

METHODOLOGY: A longitudinal study of pre- and post- television Cree communities at Oxford House and Norway House with control groups at Winnipeg and Jackhead. Use of questionnaires and interviewing as well as participant observation research. The same psychological and sociological measures applied in 1973, prior to the introduction of TV at Norway House and Oxford House, were again administered in 1975 and '77 after TV arrived at Norway House but not yet at Oxford House. A final administering took place in 1978 at the control community (Oxford House) after it received TV

FINDINGS: Television increases stress and produces higher out-group identity. It does not alter concrete-situational orientations nor idiom of thought used to address complex issues. The level of integration of community influences the nature of stress produced. An integrated community can override aggression-inducing potentials of television but induces heightened levels of wariness and fear. An unintegrated community is unable to dissuade impulsive viewers from higher levels of aggression attitude. Analogies to conjuring and dreaming play a major role in these impacts

PROJECT BEGUN: 1973

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: The Impact and Meaning of Television Among Native Communities in Northern Manitoba, University of Winnipeg Press, 1979

Telecommunications in Transcultural Perspective, University
of Winnipeg, 1980

TV and the Canadian Indian - Impact and Meaning Among Algonkians
of Central Canada, University of Winnipeg, March 1980

CONTACT:

Gary Granzberg
Department of Communications
University of Winnipeg
Winnipeg, Manitoba
R3B 2E9
Tel.: 786-7811 ext. 510 or 576

654:654:197:711.1
(*425)

TELECOMMUNICATIONS: TELEVISION: ISOLATED COMMUNITIES

Card no. 1597

<u>PROJECT TITLE:</u>	PROGRAM DELIVERY PILOT PROJECT (EAST)
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Forty-six locations in central and northern Ontario
<u>PROJECT UNDERTAKEN BY:</u>	Department of Communications
<u>RESEARCH CO-ORDINATOR:</u>	R.J. O'Connor Department of Communications, Ottawa
<u>RESEARCHER(S):</u>	Peter Bowers, Ontario Educational Communication Authority
<u>FINANCIAL SUPPORT:</u>	Provincial Government and Federal Government
<u>PURPOSE:</u>	To demonstrate the feasibility of a medium power regional beam of 14/12 GHz satellite to deliver television programming to a combination of urban, rural and remote area locations
<u>PROJECT BEGUN:</u>	September 1979
<u>ANTICIPATED COMPLETION:</u>	On-going
<u>REPORTS AND PUBLICATIONS:</u>	<u>Northern Ontario Hybrid Direct Broadcast Operational Trial,</u> Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report
<u>CONTACT:</u>	R.J. O'Connor Department of Communications, Ottawa, Ontario Tel : (613) 596-9580

654:654.197:629.783
(*410)

TELECOMMUNICATIONS: TELEVISION: SATELLITES

Card no. 1621

PROJECT TITLE: EFFECTS OF AND REACTIONS TO SATELLITE RELAYED TELEVISION
ON HIGH SCHOOL STUDENTS IN A NORTHERN COMMUNITY

GEOGRAPHIC
LOCATION OF
PROJECT: Frobisher Bay, Northwest Territories

PROJECT
UNDERTAKEN BY: Concordia University, Sir George Williams Campus, Department
of Education

RESEARCH
CO-ORDINATOR: Gary Coldevin

RESEARCHER(S): Gary Coldevin and T. Wilson

FINANCIAL
SUPPORT: University and Federal Government

PURPOSE: To do a follow-up study of the work done in 1974 on the effects
of and reactions to satellite relayed CBC Television on high school
students in Frobisher Bay

METHODOLOGY: Administration of questionnaire. Analysis of information collected

PROJECT
BEGUN: November, 1980

ANTICIPATED
COMPLETION: On-going

CONTACT: Gary Coldevin
Department of Education
Sir George Williams Campus
Concordia University
1455 de Maisonneuve Blvd. West
Montreal, Quebec
H3G 1M8

654.197:37:711.1
(*429)(*430)

TELEVISION: EDUCATION: ISOLATED COMMUNITIES

Card no. 1493

PROJECT TITLE: ANIK-B INTERACTIVE INSTRUCTIONAL TELEVISION PROJECT

GEOGRAPHIC LOCATION OF PROJECT: British Columbia and Yukon Territory

PROJECT UNDERTAKEN BY: British Columbia Institute of Technology

RESEARCH CO-ORDINATOR: David Brousson, British Columbia Institute of Technology

RESEARCHER(S): William D. Robertson

FINANCIAL SUPPORT: Federal Government

PURPOSE: To explore the possibilities of distance education for people living in widely scattered and sometimes inaccessible areas of British Columbia and to determine whether interactive instructional television would be both feasible and acceptable to the people it was designed to serve

METHODOLOGY: The project used the Canadian communications satellite, Anik-B, to provide a two-way educational communications network to centres in British Columbia and to Whitehorse in the Yukon Territory. The project was constructed on a consortium model, with receiving and sending institutions participating in course selection and decision making

FINDINGS: Delivery of education by this method was effective and well received by most persons participating at the receiving sites, of which there were ten in British Columbia and one in the Yukon

PROJECT BEGUN: October 1979

ANTICIPATED COMPLETION: On-going

REPORTS AND
PUBLICATIONS:

Instructional Television Project, Progress Report, Department
of Communications, 1980

CONTACT:

Bill Robertson
British Columbia Institute of Technology
Distance Education Department
3700 Willingdon Avenue
Burnaby, British Columbia
V5G 3H2

353:93
(*440)

TERRITORIAL GOVERNMENT: HISTORY

Card no. 1562

<u>PROJECT TITLE:</u>	HIGHLIGHTS IN THE DEVELOPMENT OF PUBLIC ADMINISTRATION IN THE NORTHWEST TERRITORIES SINCE 1945
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Local Government
<u>RESEARCH CO-ORDINATOR:</u>	Frank A.E. Cserepy
<u>PURPOSE:</u>	To outline the development of local, regional and territorial governments in the Northwest Territories since the second world war
<u>PROJECT BEGUN:</u>	May 1980
<u>ANTICIPATED COMPLETION:</u>	August 1980
<u>REPORTS AND PUBLICATIONS:</u>	<u>New Styles in administration since 1945.</u> by F.A.E. Cserepy, 1980
<u>CONTACT:</u>	Frank A.E. Cserepy Regional Superintendent Department of Local Government Government of the Northwest Territories Frobisher Bay, Northwest Territories X0A 0H0 Tel.: (819) 979-5204

TOPONYMY: NATIVE RIGHTS

Card no. 1546

PROJECT TITLE: LAND OCCUPANCY BY THE AMERINDIANS OF THE CANADIAN NORTHWEST IN THE 19th CENTURY, ACCORDING TO EMILE PETITOT: ANALYSIS OF TOPONYMIC DATA AND LEGAL IMPLICATIONS

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Valley, Northwest Territories, and Northern Yukon Territory.

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Northern Social Research Division

RESEARCH CO-ORDINATOR: Donat Savoie, Department of Indian and Northern Affairs

RESEARCHER(S): Geoffrey, S. Lester and Rachelle Castonguay

FINANCIAL SUPPORT: Federal Government

PURPOSE: To show the location of the major linguistic groups inhabiting the Mackenzie in the late 19th century, using the toponymic material found in E. Petitot's writings, as well as the other information on land use and occupancy contained in his writings and maps. To indicate how this information can be used to demonstrate that the native people of this area have a traditional interest in the lands and waters which they are using and occupying today

FINDINGS: The toponymic information confirms in most cases the information on land use and occupancy given by Petitot. This material can constitute very useful evidence in relation to the problem of proof of an aboriginal title

PROJECT BEGUN: Fall 1979

ANTICIPATED COMPLETION: August 1980

REPORTS AND PUBLICATIONS: Land occupancy by the Amerindians of the Canadian Northwest in the 19th century, according to Émile Petitot. Volume II: Analysis of the Toponymic Data and Legal Implications. Northern Social Research Division, Department of Indian and Northern Affairs by Castonguay R. and Lester G. August 1980

CONTACT: Donat Savoie, Chief
Northern Social Research Division
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Hull, Quebec
Tel.: 997-9120

796.51.7
(*423)

TOURISM

Card no. 1540

PROJECT TITLE: TOURISM PENETRATION AND TOURISM IMPACT IN LABRADOR

GEOGRAPHIC
LOCATION OF
PROJECT: Schefferville and central Labrador

PROJECT
UNDERTAKEN BY: McGill University, Department of Geography

RESEARCH
CO-ORDINATOR: Jan Lundgren, McGill University

RESEARCHER(S): Jan Penrose

FINANCIAL
SUPPORT: University

PURPOSE:

- 1) To spatially document and describe the tourism development in Labrador.
- 2) To investigate the functional characteristics of (major) service components of the tourist trade, especially the outfitter operations.
- 3) To identify different types of backward demand linkage patterns for tourist trade enterprises operating in different settlement locations in the study region

METHODOLOGY:

- 1) The diffusion of tourism in the study region can be documented through selective transport statistics, especially data on aircraft movements in the area, but also traffic flow on existing rail network.
- 2) The development of the outfitter services and territorial concessions (provincial registration) can be described through data available with Department of Fish, Game, Tourism in Quebec City.
- 3) Linkage analysis through interviews in field

PROJECT
BEGUN: Fall 1980

ANTICIPATED
COMPLETION: Fall 1980

CONTACT: Jan Lundgren
Department of Geography
McGill University
805 Sherbrooke Street West
Montreal, Quebec
Tel.: 392-8084

TOWN RELOCATION: ECONOMIC DEVELOPMENT: SOCIAL SURVEY

Card no. 1610

PROJECT TITLE: SOCIO-ECONOMIC STUDY. NASKAPI BAND OF SCHEFFERVILLE

GEOGRAPHIC
LOCATION OF
PROJECT: Schefferville, Quebec

PROJECT
UNDERTAKEN BY: Peat, Marwick and Partners

RESEARCH
CO-ORDINATOR: Norman Hawkins, Peat Marwick and Partners

RESEARCHER(S): Tom Lightbown, Ron Clutz, Louise Hurtubise

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To measure the social, economic and cultural benefits or detractions deriving from a contemplated relocation of the Band to one of several potential sites, in comparison with their present situation on the Matimekosh Reserve

METHODOLOGY: Interviews, structured group discussions, community survey questionnaire in the Naskapi language, values ranking, projections of income requirements and relocation "investment" costs

FINDINGS: The relocation benefits of reduced socio-cultural conflicts and improved economic conditions may be acquired at a cost roughly equivalent to the investment required to improve Matimekosh Reserve as a permanent residence

PROJECT
BEGUN: September 1978

ANTICIPATED
COMPLETION: September 1979

REPORTS AND
PUBLICATIONS: Socio-Economic Study Report, Peat, Marwick and Partners, September 1979

CONTACT: Norman Hawkins
Peat, Marwick and Partners
1155 Dorchester Blvd. West
Montreal, Quebec
H3B 2J9
Tel. (514) 879-3208

711.42(2)
330.02:308
(*424.1)

TOWN RELOCATION: ECONOMIC DEVELOPMENT: SOCIAL SURVEY

Card no. 1612

<u>PROJECT TITLE:</u>	NEMASKA BAND COMMUNITY DEVELOPMENT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Champion Lake, Quebec
<u>PROJECT UNDERTAKEN BY:</u>	Peat, Marwick and Partners
<u>RESEARCH CO-ORDINATOR:</u>	Norman Hawkins, Peat, Marwick and Partners
<u>RESEARCHER(S):</u>	Ron Clutz
<u>FINANCIAL SUPPORT:</u>	Native Organization
<u>PURPOSE:</u>	To form a holistic integrated plan of action by which band members can control the development of a new community
<u>METHODOLOGY:</u>	Structured group planning and discussion process
<u>FINDINGS:</u>	Based on an analysis of the difficulties, over 100 activities were identified and organized on a time line
<u>PROJECT BEGUN:</u>	June 1977
<u>ANTICIPATED COMPLETION:</u>	January 1978
<u>REPORTS AND PUBLICATIONS:</u>	<u>Nemaska Consult Report</u> , Grand Council of the Crees (of Quebec), January 1978
<u>CONTACT:</u>	Norman Hawkins Peat, Marwick and Partners 1155 Dorchester Blvd. West Montreal, Quebec H3B 2J9 Tel. (514) 879-3208

656:622.34
(*430)

TRANSPORTATION: MINING

Card no. 1613

PROJECT TITLE: DETERMINATION OF A COMPENSATORY RAIL FREIGHT RATE
FOR THE MOVEMENT OF CYPRUS ANVIL ORE FROM FARO,
YUKON TO SKAGWAY, ALASKA

GEOGRAPHIC
LOCATION OF
PROJECT: Yukon

PROJECT
UNDERTAKEN BY: Canadian Transport Commission

RESEARCH
CO-ORDINATOR: Canadian Transport Commission, Railway Transport Committee

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To determine a compensatory rail freight rate for the movement
of Cyprus Anvil ore from Faro, Yukon to Skagway, Alaska

PROJECT
BEGUN: June 3, 1980

ANTICIPATED
COMPLETION: 1981

CONTACT: Secretary, Railway Transport Committee
Canadian Transport Commission
Les Terrasses de la Chaudière
15 Eddy St.
Hull, Quebec
K1A 0N9
Tel. (819) 997-0894

TRANSPORTATION: MINING, METALS

Card no. 1547

PROJECT TITLE: NORTHEAST MACKENZIE DISTRICT TRANSPORTATION STUDY
- PHASE II

GEOGRAPHIC
LOCATION OF
PROJECT: Contwoyto Lake region east of Great Bear Lake, Northeast Mackenzie
District

PROJECT
UNDERTAKEN BY: Department of Indian Affairs and Northern Development, Northern
Economic Analysis Division

RESEARCH
CO-ORDINATOR: Lois Dubose, Department of Indian Affairs and Northern Development

RESEARCHER(S): Northern Economic Analysis Division and Canadian Pacific Consulting
Services Ltd.

FINANCIAL
SUPPORT: Federal Government

PURPOSE:

1. To examine in detail, costs for selected transportation options
for the movement of base metal concentrates from the
Contwoyto region to selected smelter sites
2. To examine the economic viability of base metal mining
in the Northeast Mackenzie District

METHODOLOGY: A consultant was retained to develop detailed requirements and
costs for the movement of concentrates for a combination of
rail and road options. Once determined, these costs and other
data pertaining to base metal mining in the North will be examined
utilizing information derived from a cash-flow model

PROJECT
BEGUN: May 1979

ANTICIPATED
COMPLETION: Fall 1980

REPORTS AND
PUBLICATIONS: Northeast Mackenzie District Transportation Study - Phase II
Assessment of Transportation Option, Canada's Logistics Ltd.,
by Canadian Pacific Consulting Services Ltd., August 1980

CONTACT: Lois Dubose
Northern Economic Analysis Division
Northern Affairs Program
Department of Indian Affairs and Northern Development
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0022

675.6:591.5
(*430)

TRAPPING: ECOLOGY

Card no. 1503

<u>PROJECT TITLE:</u>	MARTEN RESEARCH PROJECT
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon
<u>PROJECT UNDERTAKEN BY:</u>	Government of Yukon, Wildlife Branch
<u>RESEARCH CO-ORDINATOR:</u>	Ralph Archibald
<u>RESEARCHER(S):</u>	Harvey Jessup, Steve Berne
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To study the winter ecology and effects of trapping on marten populations. To generate a management strategy for this species throughout the Yukon
<u>METHODOLOGY:</u>	Intensive field research and laboratory analyses
<u>PROJECT BEGUN:</u>	October 1978
<u>ANTICIPATED COMPLETION:</u>	October 1983
<u>REPORTS AND PUBLICATIONS:</u>	<u>Marten Progress Report No. 2.</u> Yukon Territory Government progress report, April 1980
<u>CONTACT:</u>	Ralph Archibald Box 2703 Whitehorse, Yukon Tel.: (403) 667-7062

91(026):82
(*41N)

TRAVEL: LITERATURE

Card No. 1660

PROJECT TITLE: 20TH CENTURY TRAVEL WRITING: A PORTRAIT OF THE CANADIAN NORTH

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60° and several more southerly regions in the Labrador peninsula and the Hudson Bay drainage

PROJECT UNDERTAKEN BY: University of Calgary, Arctic Institute of North America

RESEARCH CO-ORDINATOR: Richard C. Davis, Arctic Institute of North America

FINANCIAL SUPPORT: University

PURPOSE: To critically analyze eight of the best books of travel writing related to Northern Canada. This project was completed as a Ph.D dissertation in 1979. Currently, the dissertation is being expanded and revised into book form

METHODOLOGY: The approach has been threefold:

- 1) By assessing the author's ability in the craft of writing
- 2) By evaluating his response to what he encounters
- 3) By comparing the northern travellers' evocation of landscape and experience with that described by Canadian novelists

FINDINGS: The travel accounts selected contain some of the best writing about the Canadian North. They re-create settings and experiences more satisfactorily than do most creative efforts. The general response of the travellers is convincing and positive, pointing to the constant monochromatic vision of the "northern wasteland" that informs most novels. The allure of the North can be seen in three developmental stages within the 20th century alone

PROJECT BEGUN: Fall 1979

ANTICIPATED COMPLETION: Summer 1981

CONTACT: Richard C. Davis
Arctic Institute of North America
University of Calgary
2500 University Drive Northwest
Calgary, Alberta
T2N 1N4
Tel.: (403) 284-3387

347.99:39(73)
(*41)

TRIBAL COURTS: INDIAN

Card no. 1434

<u>PROJECT TITLE:</u>	INDIAN TRIBAL COURTS IN THE UNITED STATES - A MODEL FOR CANADA?
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Canada
<u>PROJECT UNDERTAKEN BY:</u>	University of Ottawa, Faculty of Law
<u>RESEARCH CO-ORDINATOR:</u>	Bradford W. Morse, University of Ottawa
<u>PURPOSE:</u>	To review the existing American literature on tribal courts, analyze the assets and defects of this system, and evaluate the viability of developing a similar or related system in Canada
<u>METHODOLOGY:</u>	Literature search and review of American and Canadian materials followed by an evaluation by the author
<u>FINDINGS:</u>	Although American Indian Tribal Courts suffer from certain inadequacies, they have been instrumental in promoting self-government, maintaining the remaining level of sovereignty, and minimizing negative, legal and social consequences. Developing a similar system in Canada is feasible and legally possible
<u>PROJECT BEGUN:</u>	1976
<u>ANTICIPATED COMPLETION:</u>	1980
<u>CONTACT:</u>	Bradford W. Morse University of Ottawa Faculty of Law Ottawa, Ontario K1N 6N5 Tel.: 231-2923

58:628.5
(*440)

VEGETATION: ENVIRONMENTAL POLLUTION

Card no. 1628

<u>PROJECT TITLE:</u>	EFFECTS OF ACID FUMES ON LAND AND WATER VEGETATION
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Smoking Hills, Norman Wells, Tuktoyaktuk, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	University of Toronto, Department of Botany
<u>RESEARCH CO-ORDINATOR:</u>	T.C. Hutchinson
<u>RESEARCHER(S):</u>	T.C. Hutchinson
<u>FINANCIAL SUPPORT:</u>	University
<u>PURPOSE:</u>	To continue a study of the effects of acid fumes on land and water vegetation
<u>METHODOLOGY:</u>	Collection of soil samples Soil samples to be used in laboratory analysis. Oil site visitation and monitoring
<u>PROJECT BEGUN:</u>	July 1980
<u>ANTICIPATED COMPLETION:</u>	August 1980
<u>CONTACT:</u>	T.C. Hutchinson Department of Botany University of Toronto Toronto, Ontario M5S 1A1

58:631.47
(*469.3)

VEGETATION: SOILS: SURVEY

Card no. 1636

<u>PROJECT TITLE:</u>	VEGETATION AND SOIL SURVEY ON VICTORIA ISLAND
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Victoria Island
<u>PROJECT UNDERTAKEN BY:</u>	Western Ecological Services Ltd.
<u>RESEARCH CO-ORDINATOR:</u>	Everett Peterson
<u>RESEARCHER(S):</u>	Everett Peterson, V. Levson and R. Kabzems
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To describe the vegetation and terrain-vegetation relationships in the zone along the proposed Polar Gas Pipeline Route on Victoria Island
<u>METHODOLOGY:</u>	Literature review; helicopter reconnaissance; detailed observation and description of vegetation and terrain along the proposed pipeline route
<u>PROJECT BEGUN:</u>	August 1980
<u>CONTACT:</u>	Everett Peterson Western Ecological Services Ltd. 211-11 Fairway Dr. Edmonton, Alberta T6J 2W4

331.2:39
(*427)

WAGE EMPLOYMENT: NATIVE PEOPLE

Card no. 1476

<u>PROJECT TITLE:</u>	THE IMPACT OF WAGE EMPLOYMENT UPON METIS OF NORTHERN SASKATCHEWAN
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Saskatchewan
<u>PROJECT UNDERTAKEN BY:</u>	University of Saskatchewan, Institute for Northern Studies
<u>RESEARCH CO-ORDINATOR:</u>	Robert M. Bone, University of Saskatchewan
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To evaluate the role of wage employment in a weakly developed area
<u>METHODOLOGY:</u>	Analysis of data from 1976-77 Housing Needs Project
<u>PROJECT BEGUN:</u>	late 1980
<u>ANTICIPATED COMPLETION:</u>	fall 1981
<u>CONTACT:</u>	Robert M. Bone Institute for Northern Studies University of Saskatchewan Saskatoon, Saskatchewan S7N 0W0 Tel.: (306) 343-4316

599.745.2:591.543.4
(*410)

WALRUS: MIGRATION

Card no. 1641

<u>PROJECT TITLE:</u>	ATLANTIC WALRUS POPULATION
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Coral Harbour and Coats Island
<u>PROJECT UNDERTAKEN BY:</u>	York University, Department of Biology
<u>RESEARCH CO-ORDINATOR:</u>	E.H. Miller
<u>RESEARCHER(S):</u>	E.H. Miller and D. Boness
<u>FINANCIAL SUPPORT:</u>	Private Foundation
<u>PURPOSE:</u>	<ol style="list-style-type: none">1) To undertake a study on the distribution, numbers, movements, feeding grounds, and reproductive characteristics of Atlantic walrus2) To describe herd composition, formation, and dissolution including measurements of time ashore between feeding trips, duration of feeding trips, movements of individuals within herds and the effects of weather on individual and group behaviour
<u>PROJECT BEGUN:</u>	July 1980
<u>CONTACT:</u>	E.H. Miller Department of Biology York University 4700 Keele St. Downsview, Ontario M3J 1P3

628.155
(*430)

WATER DISTRIBUTION SYSTEM

Card no. 1535

PROJECT TITLE: DEVELOPMENT AND EVALUATION OF WATER BLEEDER CONTROLS-UP-A-182

GEOGRAPHIC LOCATION OF PROJECT: Whitehorse, Yukon

PROJECT UNDERTAKEN BY: D.W. Smith, University of Alberta, Department of Civil Engineering

RESEARCH CO-ORDINATOR: Bryan Armstrong, Environmental Protection Service, Northern Technology Unit

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify and develop technically and economically viable bleeder flow reduction alternatives for existing installations and to predict the effects of these on the water and sewer system in Whitehorse. Alternatives for upgraded or new installations are also to be addressed

METHODOLOGY: Phase I: Preliminary evaluation and monitoring of existing system in Whitehorse
Phase II: Laboratory research and evaluation of water bleeder alternatives
Phase III: Hydraulic and temperature modelling of the water distribution system
Phase IV: Development of the field testing program

PROJECT BEGUN: November 1979

ANTICIPATED COMPLETION: March 1981

CONTACT: R.J. Kowal or B.C. Armstrong
Northern Technology Unit
Environmental Protection Service
804, 9942-108 Street
Edmonton, Alberta
T5K 2J5
Tel.: (403) 420-2560

WATER MANAGEMENT: ECONOMIC DEVELOPMENT

Card no. 1705

PROJECT TITLE: YUKON WATER RESOURCES MANAGEMENT: INSTITUTIONAL AND POLICY ISSUES

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: University of British Columbia, Westwater Research Centre

RESEARCH CO-ORDINATOR: Irving K. Fox, Westwater Research Centre

RESEARCHER(S): Peggy Eyre, Thomas Burton, G.A. Constable, Ian Hayward Robert Keith, Winston Mair, Douglas Strang and John Thompson

FINANCIAL SUPPORT: University, Federal Government and Private Foundation

PURPOSE: To identify and define major institutional and policy issues related to water resources management in the Yukon and to assess alternative ways of dealing with these issues

METHODOLOGY: Interviews; literature investigations and utilization of engineering, economic, biological, and social science analytical methods as being appropriate to identifying the consequences of alternative policies and institutional arrangements

PROJECT BEGUN: December 1979

ANTICIPATED COMPLETION: December 31, 1981

REPORTS AND PUBLICATIONS: Report on the Workshop on Water Resource Management Problems and Issues in the Yukon, Westwater Research Centre, April 21, 1980

CONTACT: Irving K. Fox
Professor
Westwater Research Centre
University of British Columbia
Vancouver, B.C. V6T 1W5
Tel.: 228-4956

599.5:591.51
(*440)

WHALES: BEHAVIOUR

Card no. 1625

PROJECT TITLE: BOWHEAD WHALE BEHAVIOUR

GEOGRAPHIC
LOCATION OF
PROJECT: Cape Parry, Northwest Territories

PROJECT
UNDERTAKEN BY: LGL Ltd.

RESEARCH
CO-ORDINATOR: W. John Richardson

RESEARCHER(S): P. McLaren, W. Renaud, B. Wursig, A. Sezerak, K. Hazard, G. Silber,
P. Thomas and W. Griffiths

FINANCIAL
SUPPORT: United States Government

PURPOSE: There are four basic objectives:

- a) Document the normal behaviour patterns of the bowhead whale
- b) Determine type and quantity of responses, if any, of bowheads to boats and aircraft passing at various distances
- c) Determine the type and quantity of responses, if any, of bowheads to underwater playbacks of recorded industrial noises
- d) Determine and compare the physical characteristics of water and zooplankton abundance in feeding and non-feeding areas

PROJECT
BEGUN: July 1980

ANTICIPATED
COMPLETION: September 1980

CONTACT: W. John Richardson
Vice-President, Research
LGL Ltd.
Suite 414, 44 Eglinton Ave. West
Toronto, Ontario

599.5: 591.5:93
(*462) (*423)

WHALES: ECOLOGY: HISTORY

Card no. 1550

PROJECT TITLE: HISTORICAL LITERATURE REVIEW ON INSHORE CETACEANS OF SOUTH BAFFIN ISLAND AND LABRADOR FROM DORSET TIME TO THE PRESENT

GEOGRAPHIC LOCATION OF PROJECT: South Baffin Island and Labrador

PROJECT UNDERTAKEN BY: Carol Brice-Bennett

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Carol Brice-Bennett

FINANCIAL SUPPORT: Federal Government

PURPOSE: To compile existing published historical and other sources that are accessible and contain information on the seasonal distribution and availability of these sea mammals. Particular emphasis will be placed on developing an ecological perspective of the Port Burwell area, because this area appears to be the route of possible interchanges between the two putative stock areas for Beluga and Bowhead, i.e., Hudson Bay and Davis Strait

PROJECT BEGUN: April 1979

ANTICIPATED COMPLETION: March 1980

REPORTS AND PUBLICATIONS: An Overview of the Occurrence of Cetaceans along the Northern Labrador Coast, by Carol Brice-Bennett, March 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

WHALES: MIGRATION

Card no. 1552

PROJECT TITLE: BOWHEAD WHALE SIGHTINGS IN THE CENTRAL AND EASTERN
CANADIAN ARCTIC

GEOGRAPHIC
LOCATION OF
PROJECT: Central and Eastern Canadian Arctic

PROJECT
UNDERTAKEN BY: Michèle McLaughlin

RESEARCH
CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Michèle McLaughlin

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To prepare a detailed table, map and text delineating the distribution
and sources of bowhead whale sightings in the Central and Eastern
Canadian Arctic from that period represented by the Nesheim
cards and other sources

PROJECT
BEGUN: April 1979

ANTICIPATED
COMPLETION: March 1980

REPORTS AND
PUBLICATIONS: Migration of Bowhead Whale in the Eastern Canadian Arctic,
by Michèle McLaughlin, March 31, 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

599.5:591.543.4
(*440)

WHALES: MIGRATION

Card no. 1624

<u>PROJECT TITLE:</u>	BOWHEAD WHALE DISTRIBUTION AND MOVEMENT STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Toker Point, Cape Bathurst, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	LGL Ltd.
<u>RESEARCH: CO-ORDINATOR:</u>	Rolph A. Davis
<u>RESEARCHER(S):</u>	Rolph A. Davis, M.A. Fraker, P.L. McLaren, W.E. Renaud, C. Holdsworth, P. Fraker
<u>FINANCIAL SUPPORT:</u>	Industry
<u>PURPOSE:</u>	To document the number, distribution and movements of bowhead whales within the prescribed area
<u>METHODOLOGY:</u>	Aerial surveys with Twin Otter and Islander aircraft will be used
<u>PROJECT BEGUN:</u>	August 1980
<u>ANTICIPATED COMPLETION:</u>	September 1980
<u>CONTACT:</u>	Rolph A. Davis LGL Ltd. Environmental Research Associates 44 Eglinton Ave. West Toronto, Ontario M4R 1A1

599.5:591.543.4
(*62)

WHALES: MIGRATION

Card no. 1634

PROJECT TITLE: WHALE TAGGING EXPERIMENT IN THE BEAUFORT SEA

GEOGRAPHIC LOCATION OF PROJECT: Beaufort Sea, West of 125°W

PROJECT UNDERTAKEN BY: National Marine Mammal Laboratory, United States Government

RESEARCH CO-ORDINATOR: Larry Hobbs

RESEARCHER(S): B.R. Mate and J.H. Johnson

FINANCIAL SUPPORT: United States Government

PURPOSE: To develop a capability to track and tag large cetaceans (whales). This capability will allow for tracking of these mammals in order to better understand their behaviour and to assess possible impacts of oil and gas developments on them

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: September 1980

CONTACT: Larry Hobbs
Marine Mammal Tagging Office
National Marine Mammal Laboratory, NWAFC
7600 Sand Point Way, NE, Bldg. 32
Seattle, Washington 98115
United States

599.5:599.591.1
(*462)

WHALES: PHYSIOLOGY

Card no. 1553

PROJECT TITLE: CETACEAN SAMPLING, NORTH BAFFIN ISLAND

GEOGRAPHIC LOCATION OF PROJECT: North Baffin Island

PROJECT UNDERTAKEN BY: LGL Limited

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): R. Wagemann, A. Lutz, J.B. Kemper and B. Fallis

FINANCIAL SUPPORT: Federal Government

PURPOSE: To take representative samples from narwhal and other cetaceans opportunistically from the native hunt while contractors are present on other projects. Samples will be used for heavy metal analysis, aging and physiological work. Pond Inlet tissues samples will be compared with those collected near Arctic Bay and the Nanisivik mine site

PROJECT BEGUN: May 1979

ANTICIPATED COMPLETION: December 1980

REPORTS AND PUBLICATIONS: Selenium and Five Heavy Metals in Tissues of Narwhal, by R. Wagemann and A. Lutz, October 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

WILDLIFE: FOREST FIRES: MAMMALS

Card no. 1669

PROJECT
TITLE:

EFFECTS OF A FOREST FIRE ON TAIGA MAMMALS

GEOGRAPHIC
LOCATION OF
PROJECT:

Northern Manitoba

PROJECT
UNDERTAKEN BY:

University of Manitoba, Department of Zoology

RESEARCH
CO-ORDINATOR:

William O. Pruitt Jr.

RESEARCHER(S):

James Johnson

PURPOSE:

To study the immediate effects of a large forest fire on an area about which a large amount of biological data had been gathered previously

METHODOLOGY:

Repeating earlier (pre-fire) techniques

PROJECT
BEGUN:

September 1981

ANTICIPATED
COMPLETION:

September 1983

CONTACT:

William O. Pruitt Jr.
Department of Zoology
University of Manitoba
Winnipeg, Manitoba
Canada
R3T 2N2

WILDLIFE: FUR: ECOLOGY

Card no. 1668

<u>PROJECT TITLE:</u>	COMPARATIVE ECOLOGY OF MARTEN AND FISHER
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northern Manitoba
<u>PROJECT UNDERTAKEN BY:</u>	University of Manitoba, Department of Zoology
<u>RESEARCH CO-ORDINATOR:</u>	William O. Pruitt Jr.
<u>RESEARCHER(S):</u>	Michael Ramil
<u>FINANCIAL SUPPORT:</u>	Provincial Government
<u>PURPOSE:</u>	To compare home ranges, food habits, breeding of two closely related species in the same general region
<u>METHODOLOGY:</u>	Radiotalometry, scat analysis, stomach analysis, trailing
<u>PROJECT BEGUN:</u>	August 1978
<u>ANTICIPATED COMPLETION:</u>	Summer 1981
<u>CONTACT:</u>	William O. Pruitt Jr. Department of Zoology University of Manitoba Winnipeg, Manitoba Canada R3T 2N2

502.7
(*430)

WILDLIFE MANAGEMENT

Card no. 1429

PROJECT TITLE: ENVIRONMENTALLY SIGNIFICANT AREAS IN THE YUKON

GEOGRAPHIC LOCATION OF PROJECT: Yukon Territory

PROJECT UNDERTAKEN BY: University of Waterloo, Faculty of Environmental Studies

RESEARCH CO-ORDINATOR: John Theberge and James Gordon Nelson, University of Waterloo

RESEARCHER(S): 10 graduate students

FINANCIAL SUPPORT: Federal Government and Private Foundation

PURPOSE: To identify areas of immediate significance for biophysical, cultural or related reasons and to make recommendations for their wise management

METHODOLOGY: First level mapping and identification of 35 areas completed using biophysical, cultural, and other information from government and non-governmental organizations; legislative and agency analysis undertaken to identify appropriate management regime for the 35 areas

FINDINGS: A map of 35 areas with text and management recommendations.

This report stresses, among other things, the social and cultural significance of the 35 areas for hunting, fishing, aesthetic, recreational, conservational and other reasons

PROJECT BEGUN: Fall 1978

ANTICIPATED COMPLETION: First phase completed, second level or more detailed study of 6 key areas now underway

REPORTS AND PUBLICATIONS: Environmentally Significant Areas in the Yukon, Canadian Arctic Resources Committee, 1980, by J. Theberge, J.G. Nelson and T. Fenge (eds)

CONTACT: John Theberge, and James Gordon Nelson
Planning and Geography
Faculty of Environmental Studies
University of Waterloo
Tel.: 885-1211

599.742.1 (CANIS LUPUS):
599.735.2
(*440)

WOLVES: CARIBOU

Card no. 1683

<u>PROJECT TITLE:</u>	WOLVES ON THE BATHURST CARIBOU RANGE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	North of Great Slave Lake to Bathurst Inlet, Northwest Territories
<u>PROJECT UNDERTAKEN BY:</u>	Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service
<u>RESEARCH CO-ORDINATOR:</u>	B. Stephenson, Government of the Northwest Territories
<u>RESEARCHER(S):</u>	D. Heard
<u>FINANCIAL SUPPORT:</u>	Territorial Government
<u>PURPOSE:</u>	To determine if wolves associated with caribou on the winter range follow caribou to the calving areas
<u>METHODOLOGY:</u>	Capture wolves and attach radio collars. Monitor subsequent movements
<u>FINDINGS:</u>	Non-denning wolves may follow caribou. Most dens were found along treeline. Denning wolves were without caribou for 6 to 8 weeks (June and July)
<u>PROJECT BEGUN:</u>	1979
<u>ANTICIPATED COMPLETION:</u>	1981
<u>CONTACT:</u>	D. Heard Wildlife Service Department of Renewable Resources Government of the Northwest Territories Yellowknife, Northwest Territories X1A 2L9 Tel.: (403) 873-7775

